



MORTON COLLEGE

## Academic Catalog

# AN EXTRAORDINARY LEGACY

A BOLD **FUTURE**

2026-2027





# MORTON COLLEGE CATALOG

## 2026-2027

### OFFICIALLY RECOGNIZED BY

The Illinois Community College Board  
401 East Capitol Avenue  
Springfield, IL 62701-1711  
(217) 785-0123  
Fax: (217) 524-498  
[www.iccb.state.il.us](http://www.iccb.state.il.us)

### MEMBER OF

American Association of Community Colleges  
One DuPont Circle NW, Suite 410  
Washington, DC 20036-1135  
(202) 728-0200  
Fax: (202) 833-2467  
[www.aacc.nche.edu](http://www.aacc.nche.edu)

Council on Higher Education Accreditation  
One DuPont Circle NW, Suite 510  
Washington, DC 20036-1135  
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Fax: (202) 955-6129  
[www.chea.org](http://www.chea.org)

Illinois Community College Trustees Association  
401 East Capitol Avenue, Suite 200  
Springfield, IL 62701-1711  
(217) 528-2858  
Fax: (217) 528-8662  
[www.communitycolleges.org](http://www.communitycolleges.org)

Association of Community College Trustees

Hispanic Association of Colleges and Universities

Continuous Quality Improvement Network

League for Innovation in Community Colleges

National Alliance of Community and Technical Colleges

### APPROVED FOR

Veterans' Benefits

### ACCREDITED BY

The Higher Learning Commission  
230 N. LaSalle Street, Suite 7-500  
Chicago, IL 60604  
(312) 263-0456  
Fax: (312) 263-7462  
[www.hlcommission.org](http://www.hlcommission.org)



### CERTIFIED AND ACCREDITED PROGRAMS

#### Nursing Program

Illinois Department of Financial and Professional Regulation  
100 W. Randolph, Suite 9-300  
Chicago, IL 60601  
(312) 814-2715  
[www.idfpr.com](http://www.idfpr.com)

#### Accreditation Commission for Education in Nursing, Inc. (ACEN)

3390 Peachtree Road NE, Suite 1400.  
Atlanta, GA 30326.  
(404) 975-5000

#### Nursing Assistant Program

Illinois Department of Public Health  
525-535 W. Jefferson Street  
Springfield, IL 62761-0001  
[www.idph.state.il.us](http://www.idph.state.il.us)

#### Physical Therapist Assistant Program

Commission on Accreditation in  
Physical Therapy Education (CAPTE)  
3030 Potomac Avenue, Suite 100  
Alexandria, VA 22305-3085  
(703) 706-3245  
<http://www.captionline.org>

#### Automotive Technology Program

ASE Education Foundation  
1503 Edwards Ferry Rd., NE Suite 401  
Leesburg, VA 20176  
703-669-6650  
[www.aseeducationfoundation.org](http://www.aseeducationfoundation.org)

**PARA INFORMACIÓN EN ESPAÑOL LLAME AL (708) 656-8000, OPCIÓN 2**  
**IMPORTANT DISCLAIMERS**

Morton College provides a printed version of its catalog as a convenience for students. However, the online catalog is the most recent and up to date version. The online version will supersede any difference between the two versions.

**Tuition and Fees**

Tuition and fees are subject to change by official action taken by the Morton College Board of Trustees. Review of tuition and fees will occur at times deemed necessary by the Board in conjunction with the College administration. For up-to-date information visit our website at [morton.edu](http://morton.edu).

**Course Cancellations**

Courses will be held as scheduled unless cancelled due to insufficient enrollment or other College considerations. The College reserves the right to cancel any course for insufficient enrollment or for other reasons deemed necessary by the College. The College, at its discretion, may adjust course starting and ending dates as well as meeting times or days. Should a course be cancelled, a full refund of tuition and fees will be issued. For more information, please see the Tuition Refund Schedule on our Web site at [www.morton.edu](http://www.morton.edu).

**Licensure Requirements**

Students enrolling in instructional programs with state and/or federal licensure requirements, including residency and employment eligibility requirements, should contact the appropriate regulatory agency prior to enrolling in classes.

**Student Right to Know**

MC is pleased to provide this informational resources for students as required under federal and state regulations and/or college policy, and to increase students' accessibility to essential information. For details, please visit: [morton.edu/About-Morton/Student-Right-To-Know-Information](http://morton.edu/About-Morton/Student-Right-To-Know-Information).

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**STUDENT QUICK GUIDE**  
**HOW CAN WE ASSIST YOU?**

**Call (708) 656-8000. For specific questions dial extensions below.**

**FINANCIAL AID?**

The Financial Aid Office, Ext. 2428, can provide information on the various forms of financial aid available.

**REGISTERING FOR COURSES?**

We highly recommend seeing a Student success coach for academic guidance; make an appointment with an Student success coach today, Ext. 2484. The Office of Registration and Records, Ext. 2484, can answer admission or registration questions.

**PLACEMENT TESTING?**

The Testing Center, Ext. 2484, can help set up a testing appointment.

**PAYING YOUR TUITION?**

For information on tuition payment options and due dates call the Cashier's Office, Ext. 2268 or the Business Office, Exts. 2305 through 2308.

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# STUDENT QUICK GUIDE (CONTINUED)

## TRANSFERRING COLLEGE CREDITS?

The Academic Advising Department, Ext. 2484, can provide information on transferring college credit.

## ADULT EDUCATION PROGRAMS?

Adult Education programs include ELA (English Language Acquisition), high school completion preparation courses, as well as tutoring for English language and literacy learners, Ext. 2383.

## COMMUNITY AND CONTINUING EDUCATION PROGRAMS?

For more information contact Community & Continuing Education Office, 245C I  
708.656.8000 X 2383 I  
[continuing.education@morton.edu](mailto:continuing.education@morton.edu)

## OBTAINING A STUDENT ID?

The Student Activities Office can provide information about when and where ID cards may be obtained. Dial Ext. 2318.

## CAMPUS SAFETY

The Campus Safety Office at Ext. 2200 can provide assistance with vehicle/room lock-outs, vehicle jump starts, escort to vehicle, and lost and found.

|                                                 |                             |                    |
|-------------------------------------------------|-----------------------------|--------------------|
| <b>Academic Advising Department .....</b>       | <b>Ext. 2484 .....</b>      | <b>See Page 58</b> |
| <b>Registration and Records .....</b>           | <b>Ext. 2346 .....</b>      | <b>See Page 2</b>  |
| <b>Adult Education .....</b>                    | <b>Ext. 2373/2374 .....</b> | <b>See Page 79</b> |
| <b>Community and Continuing Education .....</b> | <b>Ext. 2383 .....</b>      | <b>See Page 89</b> |
| <b>Campus Police .....</b>                      | <b>Ext. 2200 .....</b>      | <b>See Page 66</b> |
| <b>Child Care Center .....</b>                  | <b>Ext. 2284 .....</b>      | <b>See Page 67</b> |
| <b>Financial Aid .....</b>                      | <b>Ext. 2428 .....</b>      | <b>See Page 21</b> |
| <b>Library .....</b>                            | <b>Ext. 2321 .....</b>      | <b>See Page 67</b> |
| <b>Fitness Center .....</b>                     | <b>Ext. 2274 .....</b>      | <b>See Page 76</b> |

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ACADEMIC  
CALENDAR  
2026-2027

FALL SEMESTER 2026

|                                                                                                                                 |                           |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Semester Begins (All Classes)                                                                                                   | August 17th               |
| 100% refund – within 10 calendar days from the start of the course that are 10-16 weeks in length (excluding holidays)          |                           |
| 100% refund – within 5 calendar days from the start of the courses that are 6-9 weeks in length (excluding holidays)            |                           |
| 100% refund – within 3 calendar days from the start of the course for courses that are 2-5 weeks in length (excluding holidays) |                           |
| 100% refund – before 1st days of class for courses that are less than or equal to one week in length (excluding holidays)       |                           |
| Labor Day Recess (College Closed)                                                                                               | September 5 – September 7 |
| Indigenous People's Day (College Closed)                                                                                        | October 12                |
| Midterm Week                                                                                                                    | October 13 – October 19   |
| College Fair                                                                                                                    | October TBD               |
| Graduation Petition Deadline                                                                                                    | November 1                |

Spring '27 Registration

Current Students -30+ hours completed, Veterans, Athletes.. October 26

Spring '27 Registration

|                                      |                           |
|--------------------------------------|---------------------------|
| Remaining Current and New Students   | November 2                |
| Veteran's Day (College Closed)       | November 11               |
| Last Day to Withdraw                 | November 22               |
| Thanksgiving Recess (College Closed) | November 26 – November 29 |
| Final Exam Week                      | December 5 - 11           |
| Winter Recess Begins (No classes)    | December 12               |
| Winter Break (College Closed)        | December 19- January 3    |

SPRING SEMESTER 2027

|                                                                                                                                 |                     |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Faculty Seminar Day                                                                                                             | January 14          |
| Martin Luther King Day (College Closed)                                                                                         | January 18          |
| Semester Begins (All Classes)                                                                                                   | January 19          |
| 100% refund – within 10 calendar days from the start of the course that are 10-16 weeks in length (excluding holidays)          |                     |
| 100% refund – within 5 calendar days from the start of the courses that are 6-9 weeks in length (excluding holidays)            |                     |
| 100% refund – within 3 calendar days from the start of the course for courses that are 2-5 weeks in length (excluding holidays) |                     |
| 100% refund – before 1st days of class for courses that are less than or equal to one week in length (excluding holidays)       |                     |
| President's Day (College Closed)                                                                                                | February 15         |
| Pulaski Day (College Closed)                                                                                                    | March 1             |
| Midterm Week                                                                                                                    | March 14 – March 20 |
| Spring Recess (College Closed)                                                                                                  | March 26 – March 28 |
| Spring Break (No classes)                                                                                                       | March 29 – April 4  |
| Professional Development In-Service                                                                                             |                     |
| (College Offices are Closed)                                                                                                    | April 1             |
| Classes resume                                                                                                                  | April 5             |

# ACADEMIC CALENDAR 2026-2027

## Fall and Summer '27 Registration

Current Students -30+ hours completed, Veterans, Athletes..... March 29

## Fall and Summer '27 Registration

|                                          |                |
|------------------------------------------|----------------|
| Remaining Current and New Students ..... | April 5        |
| Graduation Petition Deadline .....       | April 1        |
| Last Day to Withdraw .....               | May 3          |
| Final Exam Week .....                    | May 14– May 20 |
| Commencement.....                        | May 21         |

## SUMMER SESSION 2027

Summer Schedule begins (MC Closed on Fridays)..... May 28 - August 6

Memorial Day (College Closed) .....

First 5-Week Session..... June 1 – July 1

Juneteenth Observed (College Closed) .....

100% refund – within 3 calendar days from the start of the course for courses that are 2-5 weeks in length (excluding holidays)

100% refund – before 1st days of class for courses that are less than or equal to one week in length (excluding holidays)

Last Day to Withdraw (for 1st 5-Week Session) .....

8-Week Session .....

100% refund – within 5 calendar days from the start of the courses that are 6-9 weeks in length (excluding holidays)

100% refund – within 3 calendar days from the start of the course for courses that are 2-5 weeks in length (excluding holidays)

100% refund – before 1st days of class for courses that are less than or equal to one week in length (excluding holidays)

Graduation Petition Deadline .....

Independence Day Observed (MC Closed) .....

Second 5-Week Session .....

100% refund – within 3 calendar days from the start of the course for courses that are 2-5 weeks in length (excluding holidays)

100% refund – before 1st days of class for courses that are less than or equal to one week in length (excluding holidays)

Last Day to Withdraw (for 8-week Session) .....

Last Day to Withdraw (for Second 5-week Session) .....

# MORTON COLLEGE HISTORY

Founded in 1924 with 11 teachers and 76 students, Morton College was established with a forward-looking commitment to academic excellence and community access. The opening of the current campus in 1975 marked a significant milestone in the College’s growth and long-term vision.

Over the decades, Morton College’s university transfer program earned statewide recognition for academic quality. The College expanded its mission to include career and technical education, community education, continuing education, and adult education, broadening opportunities for learners across District 527.

The early 2000s brought a period of modernization, including upgrades to science labs, computer classrooms, and career-focused facilities. In fall 2016, Morton College completed its first new construction since 1975: a 15,778-square-foot, two-story addition featuring ten LEED-certified classrooms and additional office space.

Throughout the first quarter of the 21st century, the College invested in enhancing the student experience. The Library was transformed into a centralized One Stop Center, housing advising, financial aid, admissions and records, career services, and counseling. A centrally located Tutoring Center expanded academic support, and a Fitness Center opened to serve District 527 residents.

In 2024, Morton College celebrated its 100th anniversary with a major exterior campus renovation, including a redesigned quadrangle, expanded green space, improved pedestrian access, and new campus signage.

Today, Morton College continues to build on its founding vision by providing accessible pathways to transfer, career advancement, and lifelong learning.

## ABOUT MORTON COLLEGE

Morton College is a public comprehensive community college recognized by the Illinois Community College Board as District 527. The College is governed by a locally elected Board of Trustees. Seven of the Trustees are elected to six year terms by the residents of District 527. A Student Trustee is elected by Morton College students to a one year term. District 527 serves the communities of Berwyn, Cicero, Forest View, Lyons, McCook and Stickney.

The College offers Associate in Arts, Associate in Science, Associate in Engineering Science, and Associate in Liberal Studies university transfer programs and Associate in Applied Science and Certificate programs for students who intend to pursue employment upon graduation. Customized workforce training programs for local employers are also available. The Adult Education, Community Programming and Outreach division of the College offers a wide array of programs and courses in English Language Acquisition, High School Equivalency Certificate, Adult Literacy, and community education and enrichment programs. Morton College is accredited by the Higher Learning Commission.

## COLLEGE MISSION STATEMENT AND GOALS

### MISSION STATEMENT

To enhance the quality of life of our diverse community through exemplary teaching and learning opportunities, community service, and life-long learning.

### GOALS

- Maximize the College's resources to support student learning.
- Conduct ongoing assessment of student learning to discover new ways to help students succeed.
- Develop responsive curricula and programs to serve community needs.
- Encourage community families to embrace the educational opportunities Morton College provides.
- Ensure the enrichment of its educational programs and student support services by making a commitment to ongoing self-study and assessment

# MISIÓN Y OBJETIVOS DE MORTON COLLEGE

## MISIÓN

Enriquecer la calidad de vida de nuestra comunidad a través de modelos ejemplares de enseñanza y aprendizaje, servicios comunitarios y oportunidades de aprendizaje perdurables.

## OBJETIVOS

- Maximizar los recursos institucionales enfocados al aprendizaje de nuestros estudiantes.
- Evaluar continuamente el proceso de aprendizaje de nuestros estudiantes con el objetivo de proporcionarles nuevas formas de apoyo para lograr el éxito.
- Desarrollar programas educativos que respondan y sirvan las necesidades de la comunidad.
- Motivar a las familias de nuestras comunidades a aprovechar las oportunidades que Morton College ofrece.
- Garantizar el enriquecimiento de nuestros programas educativos y de los servicios de apoyo estudiantil mediante un compromiso con el autoestudio y la evaluación continua.

## CORE VALUES

**Compassion, Equity, Accountability, Innovation, and Excellence**, Morton College, in support of these Core Values, is committed to the freedom of expression and the pursuit of truth in teaching and learning in an educational environment that is welcoming to all.

## DIVERSITY STATEMENT

Diversity at Morton College is more than just a variety of people with different backgrounds. It is at the core of who we are as an educational culture and it supports our goals as an organization.

## FREQUENTLY CALLED NUMBERS

Consistent with its mission of social responsibility and community involvement, Morton College continually works “to enhance the quality of life of our diverse community.”

|                                   |                     |                      |
|-----------------------------------|---------------------|----------------------|
| Academic Advising Department..... | 2250.....           | One Stop Center      |
| Academic Deans' Suite .....       | 2330.....           | 271C                 |
| Adult Computer Lab .....          | 2387.....           | 237C                 |
| Adult Ed. (GED / ESL).....        | 2373-2374.....      | 214C                 |
| Arts and Sciences .....           | 2330.....           | 271C                 |
| Athletics .....                   | 2370-2371.....      | 101D                 |
| Auto Shop.....                    | 2276.....           | 110D                 |
| AV Hotline.....                   | 2209.....           | 238B                 |
| Bookstore.....                    | (800) 381-5151..... | Virtual              |
| Bus. & Comm. Svcs .....           | 2382.....           | 225C                 |
| Business Office.....              | 2305-2308.....      | 203C                 |
| Cafeteria.....                    | 2458.....           | 1 <sup>st</sup> Fl C |
| Campus Police .....               | 2200-2201.....      | 119C                 |
| Career Services Office .....      | 2157.....           | One Stop Center      |
| Cashier's Office.....             | 2268.....           | One Stop Center      |

# FREQUENTLY CALLED NUMBERS (CONTINUED)

|                                        |                      |                      |
|----------------------------------------|----------------------|----------------------|
| Collegian .....                        | 1004.....            | 323B                 |
| Community and Continuing Education.... | 2383.....            | 245C                 |
| Counseling Services Office .....       | 2484.....            | One Stop Center      |
| Duplication Svcs.....                  | 2257.....            | 239B                 |
| Financial Aid / Veterans.....          | 2428.....            | One Stop Center      |
| Fitness Center .....                   | 2274.....            | 116E                 |
| Food Pantry .....                      | 2294.....            | 328C                 |
| Hawthorne Suites .....                 |                      | 2 <sup>nd</sup> FI B |
| Human Resources.....                   | 2299-2300, 2416..... | 247B                 |
| Innovation Room .....                  |                      | 221B                 |
| Library                                |                      |                      |
| Circulation Desk .....                 | 2321.....            | Library              |
| Computer Help.....                     | 2321.....            | Library              |
| Instr Technologist.....                | 2430.....            | 210B                 |
| Reference Desk .....                   | 2321.....            | Library              |
| Registration & Records .....           | 2346.....            | One Stop Center      |
| Maintenance.....                       | 2220-2221.....       | 101D                 |
| MIS Help Desk Hotline.....             | 2444.....            | 232B                 |
| Music Department.....                  | 2231.....            | 108C                 |
| Multimedia Help Desk.....              | 2209.....            | 1 <sup>st</sup> FI B |
| Nursing Program .....                  | 2265.....            | 302C                 |
| One Stop Center (OSC).....             | 2484.....            | 1 <sup>st</sup> FI B |
| Payroll .....                          | 2316.....            | 203C                 |
| Placement Testing Cntr.....            | 2250.....            | 234C                 |
| Pre-Kindergarten .....                 | 2284-2285.....       | 105D                 |
| Project Care .....                     | 2364.....            | 220C                 |
| Service Center.....                    | 2217.....            | 238B                 |
| Shipping and Receiving .....           | 2218.....            | 144C                 |
| Student Activities.....                | 2262.....            | 1 <sup>st</sup> FI B |
| Theatre Department.....                | 2230.....            | 103A                 |
| Transfer Information .....             | 2484.....            | One Stop Center      |
| Tutoring Center.....                   | 2465.....            | 241C                 |

# STUDENT SERVICES

|   |                                                         |
|---|---------------------------------------------------------|
| 1 | Easy Steps for Enrollment                               |
| 2 | Admission to the College for Freshmen                   |
| 3 | Admission to Health Career Programs                     |
| 3 | Admission Requirements for University Transfer Students |
| 4 | Transfer of Credit to Morton College                    |
| 5 | IAI Participating Schools Chart                         |
| 7 | Illinois Articulation Initiative                        |
| 7 | Transfer Agreements                                     |
| 7 | Joint Educational Agreements                            |
| 8 | International Students                                  |
| 9 | Educational Guarantees                                  |

# GETTING STARTED AT MORTON COLLEGE

## EASY STEPS FOR ENROLLMENT



### 1A

#### **"I WANT TO ENROLL IN A DEGREE OR CERTIFICATE PROGRAM."**

Follow Steps 1A, 2, 3, 4 and 5

#### **"I'M NOT SEEKING A DEGREE. I JUST WANT TO TAKE COURSES."**

Follow Steps 1A, 2, 3, 4 and 5

#### **"I USED TO BE A STUDENT AT MORTON COLLEGE AND I WANT TO REAPPLY."**

Follow Steps 1B, 2, 3, 4 and 5

### 1B

#### **"I WANT TO TAKE ADULT COURSES."**

See the Adult Education chapter in this catalog, or see the information on the Student Quick Guide.

## 2

#### **Fill out New Student Information Form\***

Fill out an application form and submit it to the Office of Registration and Records along with a copy of your high school transcripts or GED test scores, as well as transcripts from all colleges previously attended.

## 3

#### **Resubmit New Student Information Form\***

You must reapply for admission to Morton College if you have been away for more than five years. Fill out a re-application form and submit it to the Office of Registration and Records. It is not necessary to fill out a re-application form if you have taken a course at Morton College within the last five years.

## 4

#### **Take the Placement Test**

Students intending on enrolling in an English, math or a course that has a math or English prerequisite must take a placement test before registering. Students may be exempt from placement testing based on previous college credit or ACT scores. For more information, contact Academic Advising at (708) 656-8000 ext 2484, to schedule an appointment.

## 5

### **New Student Orientation**

New student orientation is mandatory for first year students.

Please call (708) 656-8000, ext. 2484 to make an appointment.

## 6

### **Register for Courses**

Register for courses in the Office of Registration and Records located in the One Stop Center.

## 7

### **Pay Tuition and Fees**

You may make your payment in person or online as follows:

- Online - Deferred payment plan through Nelnet (FACTS)
- Cashier's Office - cash, check, VISA, MasterCard and Discover
- Online - Visa, MasterCard and Discover

NOTE: You will receive a tuition bill at the time of registration from the Office of Registration and Records. If payment is not received by the due date, you may be dropped from your courses. If you are dropped from your courses, you may re-register with no guarantee of obtaining the same course schedule. Additionally, non-attendance does not constitute official withdrawal from your courses. It is the student's responsibility to officially withdraw from a course. Unless you officially withdraw from a course, you are still responsible for all tuition and fees for any course for which you have registered. The College refunds tuition and fees only when official drop forms are properly completed, authorized and processed through the Office of Registration and Records and only according to the Tuition Refund Table found in the current Morton College course schedule. Telephone requests for courses to be "dropped" are not accepted.

\*\*Please note that some health programs have additional admission requirements and a selective admissions process. To obtain an enrollment package, contact the Office of Registration and Records at (708) 656-8000, Ext. 2346.

## **ADMISSION TO THE COLLEGE FOR FRESHMEN**

Morton College's open-door admission policy is dedicated to serving all individuals demonstrating the ability to benefit from the instruction offered and meeting one of the following criteria:

- Individuals who are high school graduates from a regionally accredited high school, General Education Development (GED) recipients, or individuals who are at least 18 years of age.
- Individuals 16 years of age who are still in attendance at a high school may be admitted for accelerated college enrollment on the basis of the high school's recommendation. Contact the Office of Registration and Records at (708) 656-8000, Ext. 2346, for more information. Official high school transcripts are required and students must have the written consent of their high school principal or counselor.
- Students less than 16 years of age who obtain prior approval from their high school district and from the Provost may be admitted to Morton College.
- Admission may be granted to other individuals by special permission, but applicants are subject to the requirements of specific programs or courses. The College reserves the right to advise applicants whether they meet these requirements

\*Morton College does not discriminate on the basis of race, color, religion, national origin, gender, sexual orientation, age, marital status or disability in its education, admissions or employment policies.

## ADMISSION: HEALTH CAREER PROGRAMS

Health Career programs limit the number of students accepted each year. The College accepts the best qualified candidates for these programs, using past academic performance and recent Accuplacer scores as guides. See individual programs for specific admission requirements. Admission priority is given to district residents meeting program requirements. Students enrolled in Health Career Programs may be required to complete academic or clinical work outside of the institution's academic calendar to meet state and accreditation requirements. Additional details will be provided upon admission.

Health Career programs that utilize competitive enrollment include:

- › Certified Nursing Assistant
- › Licensed Practical Nurse
- › Registered Nurse
- › Paramedic
- › Physical Therapist Assistant

NOTE: Students enrolling in instructional programs with state and/or federal licensure requirements, including residency and employment eligibility requirements, should contact the appropriate regulatory agency prior to enrolling in classes.

## ADMISSION REQUIREMENTS FOR UNIVERSITY TRANSFER STUDENTS

The Illinois Board of Higher Education has established minimum admissions standards for all Illinois public universities and community colleges. The following requirements for high school subjects applies to all students planning to earn the Associate in Arts or Associate in Science degrees:

- › Four units of English (emphasizing written and oral communication and literature).
- › Two units of social studies (emphasizing history and government).
- › Two units of mathematics (introductory through advanced algebra, geometry, trigonometry or fundamentals of computer programming).
- › Two units of science (laboratory sciences).
- › Two units of electives selected from foreign language, music, art or vocational education.
- › Three flexible units selected from any of the above five categories.

## TRANSFER OF CREDIT TO MORTON COLLEGE

Students who have attended other colleges and universities will have their transcripts evaluated by the Office of Registration and Records. Transfer credit is accepted under the following conditions:

- The institution previously attended must be accredited by the Higher Learning Commission or a comparable regional accrediting association.
- The student must submit an official transcript from each institution.
- Credit may be transferred only in college-level courses in which a grade of “D” or above has been earned (Most receiving institutions will not accept a “D” for transfer). A “C” is required in ENG 101 and ENG 102 or course equivalents in all transfer degrees (A.A., A.S., A.F.A.).
- A maximum of six credit hours of credit may be transferred in religion courses.
- Transfer credit will be granted for course work for which a passing letter has been earned. However, individual course grades will not be included in the computation of the GPA at Morton College.
- A certified evaluation by Educational Credential Evaluators, Inc., World Education Services, Inc. or a Foreign Credential Evaluating Agency Service that is accredited by National Association of Credential Evaluation Services (NACES.)
- The student must submit an official transcript from each institution. Transcripts are only considered official if sealed envelope has not been opened or electronically if received directly from the institution from which they were requested.
- Degree seeking students wishing to have their official transcripts evaluated, should complete a transcript evaluation form with their Student success coach. Financial Aid eligible students should notify the Financial Aid department once official transcripts have been submitted to the Office of Registration and Records.
- Evaluation of credits may take up to 6 weeks to complete. Once completed, any credits awarded will be reflected on a student’s Morton College transcript. Questions regarding the evaluation can be addressed by the student’s Student success coach or Credential Analyst in the Office of Registration and Records.
- Credit from each transferring institution is evaluated separately. Awarding of credit, including graduate level credit, is left to the college’s discretion.

# IAI PARTICIPATING SCHOOLS

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## Two-year Public Institutions

Black Hawk College  
Carl Sandburg College  
College of DuPage  
College of Lake County  
Daley College (Richard J.) (CCC)  
Danville Area Community College  
Elgin Community College  
Harold Washington College (CCC)  
Harper College  
Heartland Community College  
Highland Community College  
Illinois Central College  
Illinois Eastern Community Colleges  
Illinois Valley Community College  
John A. Logan College  
John Wood Community College  
Joliet Junior College  
Kankakee Community College  
Kaskaskia College  
Kennedy-King College (CCC)  
Kishwaukee College  
Lake Land College  
Lewis & Clark Community College  
Lincoln Land Community College  
Malcolm X College (CCC)  
McHenry County College  
Moraine Valley Community College  
Morton College  
Oakton College  
Olive-Harvey College (CCC)  
Parkland College  
Prairie State College  
Rend Lake College  
Richland Community College  
Rock Valley College  
Sauk Valley Community College  
Shawnee Community College  
South Suburban College  
Southeastern Illinois College  
Southwestern Illinois College  
Spoon River College  
Triton College

Truman College (Harry S) (CCC)  
Waubensee Community College  
Wilbur Wright College (CCC)

## Two-year Independent Institutions

Fox College [R]  
Generations College [R]  
Taylor Business Institute [R]

## Four-year Public Institutions

Chicago State University  
Eastern Illinois University  
Governors State University (R)  
Illinois State University  
Northeastern Illinois University  
Northern Illinois University  
Southern IL University Carbondale  
Southern IL University Edwardsville  
University of Illinois at Chicago  
University of Illinois at Springfield  
University of Illinois at Urbana - Champaign  
Western Illinois University

## Four-year Independent Institutions

Adler University [R]  
Augustana College [R]  
Aurora University [R]  
Benedictine University  
Blackburn College [R]  
Bradley University [R]  
Columbia College Chicago [R]  
Concordia University Chicago [R]  
DePaul University [R]  
DeVry University - Illinois [R]  
Dominican University [R]  
East-West University [R]  
Elmhurst University [R]  
Eureka College [R]  
Illinois College [R]  
Illinois Institute of Technology  
Illinois Wesleyan University [R]  
Judson University [R]

# IAI PARTICIPATING SCHOOLS (CONTINUED)

## Four-year Independent Institutions (Continued)

Knox College [R]  
Lake Forest College [R]  
Lakeview College of Nursing [R]  
Lewis University  
Lindenwood University - Belleville [R]  
Loyola University Chicago  
McKendree University [R]  
Methodist College [R]  
Millikin University [R]  
Monmouth College [R]  
National Louis University  
National University of Health Sciences [R]  
North Central College [R]  
North Park University [R]  
Olivet Nazarene University [R]  
Quincy University [R]

Rockford University [R]  
Roosevelt University  
Saint Xavier University [R]  
Saint Francis Medical Center, Nursing [R]  
The Chicago School of Professional Psychology  
(Chicago Campus) [R]  
University of St. Francis

\*School names followed by (R) are receiving schools only.

## ILLINOIS ARTICULATION INITIATIVE

Morton College participates in the Illinois Articulation Initiative (IAI), a statewide agreement designed to facilitate the transfer of students from one Illinois college/university to another in order to complete a bachelor's degree (see the "IAI Participating Schools" table on pages 5 & 6). Effective as of 1998, students who complete the IAI General Education Core Courses (GECC) can transfer this "package" of course work and have it accepted in lieu of lower-division, general education course requirements. Students who complete an Associate in Arts or an Associate in Science degree that contains the IAI GECC also will have met their transfer college/universities' lower-division general education requirements and be granted junior standing. To learn more about the Illinois Articulation Initiative, contact the Academic Advising Department at (708) 656-8000, Ext. 2250 or visit [www.itransfer.org](http://www.itransfer.org).

## TRANSFER AGREEMENTS

For an current list of programs for which Morton College has transfer agreements please contact

Academic Advising or visit the Morton College transfer website.

- › Benedictine University
- › Dominican University
- › DePaul University
- › Governors State University

- › National Louis University
- › Northern Illinois University
- › University of Illinois at Chicago
- › VanderCook College of Music
- › Olivet Nazarene University
- › Concordia University

# JOINT EDUCATIONAL AGREEMENTS

This agreement allows residents of the Morton College district to enroll in some programs at other Illinois public community colleges at rates the hosting colleges charge their in-district students. Applications for Joint Educational Agreements must be made 30 college business days before courses begin at the college the student wishes to attend. Proof of residence in Morton College District 527 must be provided at the time of application. Once approved, a student is issued an Authorization for Attending a Recognized Illinois Public Community College Under a Joint Agreement. Morton College has joint educational agreements with the following community colleges:

Cooperative Agreements — Morton College is a participant in the South Metropolitan Career Network, a cooperative effort among 28 area community colleges that makes more educational programs available to the residents of each college district.

Residents of Morton College's district may enroll in any programs in the Career and Technical Education Applied Science degree or certificate not offered at Morton College upon approval without paying out-of-district tuition at the following colleges:

- 
- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>➤ Black Hawk College</li><li>➤ Carl Sandburg College</li><li>➤ College of DuPage</li><li>➤ Danville Community College</li><li>➤ Elgin Community College</li><li>➤ Harper College</li><li>➤ Heartland Community College</li><li>➤ Highland Community College</li><li>➤ Illinois Central College</li><li>➤ Illinois Valley Community College</li><li>➤ John Wood Community College</li><li>➤ Joliet Junior College</li><li>➤ Kankakee Community College</li><li>➤ Kaskaskia College</li><li>➤ Kishwaukee College</li><li>➤ Lake Land College</li><li>➤ Lewis and Clark Community College</li></ul> | <ul style="list-style-type: none"><li>➤ Lincoln Land Community College</li><li>➤ McHenry County College</li><li>➤ Moraine Valley Community College</li><li>➤ Morton College</li><li>➤ Prairie State College</li><li>➤ Rend Lake College</li><li>➤ Richland Community College</li><li>➤ Rock Valley College</li><li>➤ Sauk Valley Community College</li><li>➤ South Suburban College</li><li>➤ Southwestern Illinois College</li><li>➤ Spoon River College</li><li>➤ Triton Community College</li><li>➤ Waubonsee Community College</li></ul> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Further information on this Agreement is available in the Office of Registration and Records.

# INTERNATIONAL STUDENTS

Only individuals holding an F1 student visa are allowed to study. B1/B2 visas are restricted from study. B1/B2 visitors must apply for a change of visa status in order to study at Morton College. Morton College cannot assist nor advise in these cases.

Official College Transcripts - college transcripts must be translated to English. The official evaluation must be from ECE or WES evaluating agency, or a Foreign Credential Evaluating Agency Service that is accredited by National Association of Credential Evaluation Services (NACES.) Citizens of other countries wishing to enroll at Morton College must complete and submit an International Student Application along with the following supporting documents:

- International Student Admission Application
- Official High School transcripts - official high school transcripts must be sealed and translated to English.
- The college recommend ECE or WES as the evaluation agency but applicants may use any other foreign credential agency as long as it is accredited by National Association of Credential Evaluation Services (NACES.)
- TOEFL score: TOEFL®iBT Minimum score 65 required.
- TOEFL®PBT Minimum score 550  
\*\*\*The TOEFL is not needed if student will be enrolling in the English as a Second Language program (ESL).
- Financial Affidavit of Support.

Candidates must submit these documents. Candidates must submit these documents according to the set deadlines. Late applications will not be accepted and documents must be resubmitted for a future term. Once accepted, Morton College will issue an I-20 to the student.

- Fall semester = all requirements must be submitted by June 11th.
- Spring semester = all requirements must be submitted by October 16th.

Those attending Morton College on a student visa must enroll as a full-time credit student each semester and will be charged the international tuition rate. Federal and state financial aid may not be available to citizens of other countries. Prospective international students should contact, Julnasha Morehead, [julnasha.morehead@morton.edu](mailto:julnasha.morehead@morton.edu), with additional questions. The international students application for admission can be found at [www.Morton.edu](http://www.Morton.edu). Applications will not be considered if any supporting documentation is missing. Student who fail to enroll as a full-time credit student or fall below full-time status during the semester will have their F1 status terminated. It is the students' responsibility to maintain and keep-up with their status on their I-20. If the student notices a change on their I-20, the student needs to make it a priority to contact the Office of Registration and Records/Registrar.

# EDUCATIONAL GUARANTEES

Morton College has established an educational guarantee policy (approved April 1993) for transfer courses and career programs.

**Transferability Guarantee** – Morton College guarantees the acceptance of all transfer courses at 4-year, public Illinois colleges and universities for students who complete the Associate in Arts or Associate in Science Degree. If the terms noted below are met and a specific course or courses do not transfer, Morton College will refund the tuition paid by the student at the time the course(s) was/were taken. To qualify, any claims must be submitted within one calendar year of graduation from Morton College.

## Terms

1. All guaranteed course work must be completed at Morton College.
2. All course work must be completed within three years prior to graduation.
3. Transfer status of individual courses is based upon the receiving college's or university's agreement with Morton at the time of the student's graduation.
4. The student must have attained acceptable grades in individual courses as defined by the receiving university.
5. The student must have met with an authorized Morton College advisor and declared a major and transfer college or university prior to taking the courses under guarantee. Only those courses approved in writing by the authorized counselor are guaranteed transferable, and these courses are guaranteed to transfer as general education electives unless the counselor has specifically authorized them as meeting distributive general education or major area requirements.

**Career Program Guarantee** – Morton College guarantees that career program graduates can be expected to perform competently in positions for which their degrees or certificates are intended to prepare them. An employer who perceives that a Morton College graduate does not possess appropriate entry-level skills encompassed in the degree or certificate program, and can specify such deficiencies, may request that the student be permitted to retake a specific course or courses for up to nine credit hours without additional tuition charges. If the terms noted below are met, Morton College agrees to provide up to nine tuition-free credit hours in a career program degree or certificate curricula.

## EDUCATIONAL GUARANTEES (CONTINUED)

### Terms

1. The graduate must have earned the A.A.S. degree or certificate beginning May 1993 or thereafter in a career program identified in the college catalog.
2. All guaranteed program coursework must be completed at Morton College with a grade of "C" or better.
3. The graduate must have completed the A.A.S. degree within a four-year time span or the certificate within a two-year time span.
4. Graduates must be employed full-time in an entry level position for which the A.A.S degree or certificate is intended to prepare students. (Determination that the position falls within the terms of the guarantee may occur when the graduate initiates the career program guarantee as noted in #12 below.)
5. Employment must commence within 6 months of graduation.
6. The employer must certify in writing within 90 days of the graduate's initial employment that the employee is lacking entry-level skills consistent with the position(s) for which the A.A.S. or certificate is intended to prepare students.
7. The student, program coordinator, and instructor, in consultation with the employer and/or division dean, will develop a written educational plan for retraining.
8. Retraining will be limited to nine credit hours related to the identified skill deficiency and to those classes regularly scheduled during the period covered by the retraining plan.
9. The graduate and/or employer is responsible for the cost of books, insurance, uniforms, fees, and other course-related expenses.
10. The guarantee does not imply that the graduate will pass any licensing or qualifying examination for a particular career.
11. The student's sole remedy against the District and its employees for skill deficiencies shall be limited to nine credit hours of tuition-free education under conditions described above.
12. The career program remedy can be initiated through a written communication with the Office of the Provost.

Note: This guarantee applies to software releases and vendor-specific equipment used in the courses at the time the student enrolled in the course. The College is not responsible for guaranteeing student competency in subsequent releases of software or revised or new equipment. Likewise, the College is not responsible for guaranteeing student knowledge or skills that will be introduced in the future, or guaranteeing student knowledge or skills when non-academic problems cause the deficient performance

# TUITION AND FEES

|    |                             |
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| 12 | Residency                   |
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| 16 | Income Tax Deduction        |
| 17 | Alumni Tuition Waiver       |
| 17 | Retake Policy Fees          |

## TUITION AND FEES\*

Tuition and fees are payable in U.S. currency on dates designated by the College. Students failing to meet published payment deadlines may be dropped from courses.

## TUITION AND FEES OVERVIEW\*

### \*TUITION

|                                                                |       |
|----------------------------------------------------------------|-------|
| In-District Resident (per credit hour).....                    | \$138 |
| Out-of-District Resident of Illinois (per credit hour).....    | \$266 |
| Out-of-State Resident or International (per credit hour) ..... | \$330 |

### \*FEES

|                                                  |      |
|--------------------------------------------------|------|
| Application Fee (first-time enrollees only)..... | \$10 |
| Registration Fee (per semester) .....            | \$20 |
| Late Registration Fee (per semester).....        | \$50 |
| Comprehensive Fee (per credit hour) .....        | \$13 |
| Technology Fee (per credit hour).....            | \$14 |

\* Tuition and fees are subject to change by official action taken by the Morton College Board of Trustees. Review of tuition and fees will occur at times deemed necessary by the Board in conjunction with the College administration. For up-to-date information, please visit our website at [www.morton.edu](http://www.morton.edu).

## DESCRIPTION OF FEES

### Technology Fee:

The purpose of the fee is to enrich Morton College students' educational experience with technology. The fee is used for continued technology enhancements throughout the College including software, client hardware, and infrastructure to support services offered to Morton College students. These services include student e-mail, local and online learning resources, and network access.

**Comprehensive Fee:**

The purpose of the fee is to enhance students' overall experience on campus. The fee is used to fund various student club organizations, performances and special events, library resources excluding technology, restoration and maintenance of various student and academic facilities, and the maintenance of parking facilities and campus security.

**Late Registration Fee:**

Students will be assessed a late registration fee if: students register after the course has begun, students are dropped for non-payment and wish to re-register, or if students are dropped for non-attendance and wish to re-register for courses with consent of the instructor.

**PAYMENT OF TUITION AND FEES**

Students will receive a tuition bill at the time of registration. Students are responsible for all tuition and fees. The college will refund tuition and fees if the student completes the official withdraw procedures within the published refund schedule. Requests to withdraw from courses are not taken by phone. It is the student's responsibility to officially withdraw from classes. Note: Students who do not pay their tuition and fees by the due date may be dropped from the courses. Students dropped for non-payment may re-register without a guarantee they will enroll for the same course schedule.

Students who fail to meet their financial obligation to the college will be excluded from future enrollment. Furthermore, all records and transcripts will not be released until the financial obligation has been completed. If necessary, student accounts will be turned over to a collection agency.

**Morton College Residency Policy****RESIDENCY**

For tuition purposes, proof of residence must be submitted by all students enrolling at Morton College each semester.

The student must meet the following criteria to be considered a resident of the district:

One must have occupied and/or owned a dwelling in the district for 30 days immediately prior to the start of classes and must demonstrate district residency by providing one of the following documents: Illinois driver's license, current voters' registration card, current bank statement, utility bill, State of Illinois photo ID card, or a Morton High School East or West transcript that proves the student attended an in-district high school within the last two calendar years. (Must be issued to the student's in-district permanent address provided on the admission application). A student who is homeless may present a signed letter on letterhead from an in-district homeless shelter confirming residency in the shelter.

District residency does not apply to international students on visas.

Students changing their residence during a semester are required to report their new address to the Office of Registration and Records. Students may update their residency at any time; however, a change in residency less than 30 days prior to the start of the term and once the term has begun will not be reflected in the current terms tuition rate. Classification for admission and tuition will be made according to the regulations listed on the following pages.

## IN-DISTRICT STUDENTS

Morton College District 527 includes the suburbs of Berwyn, Cicero, Forest View, Lyons, McCook and Stickney. The college is located west of Chicago and south of Oak Park, which is six miles from Chicago's Loop.

To be eligible for the in-district tuition rate, one of the following criteria must be met:

- Applicants who are 18 years of age or older and have established legal permanent residence in District 527 for a minimum of 30 days immediately preceding the first day of the semester.
- Applicants who are under 18 years of age and live at home must demonstrate that their parents or legal guardians have legal residence within District 527 for at least 30 days immediately preceding the first day of the semester.
- Applicants who are under 18 years of age and emancipated (a minor who is legally independent from parental or guardian supervision), or married must demonstrate that they have established legal residence in District 527 for at least 30 days immediately preceding the first day of the semester.
- Applicants who will be attending Morton College through the Dual Credit or Dual Enrollment Programs.

Students shall be classified as residents of the Morton College District 527 without meeting the 30-day residency requirement of the district if they are currently residing in the district and are students:

- who are currently under the legal guardianship of the Illinois Department of Children and Family Services (DCSF) or have been recently emancipated from the Department and had a placement change into a new community college district. The student, caseworker, other personnel of DCFS, attorney, or guardian ad litem shall provide the district with proof of current in-district residency.
- who are utilizing benefits under the federal All-Volunteer Force Educational Assistance Program or the federal Post-9/11 Veterans Educational Assistance Act of 2008 or any subsequent variations of that Act.
- who move from outside the state, obtain residency for other than going to college, and demonstrate a verifiable interest in permanent residency.
- who are considered members of the armed services stationed in Illinois.

## **OUT-OF-DISTRICT STUDENTS**

Any person whose legal place of residence lies outside Morton College District 527 but within the boundaries of the State of Illinois. This includes full-time students attending a post-secondary educational institution who have not demonstrated, through documentation, a verifiable interest in establishing permanent residency.

Students shall be classified as residents of the State without meeting the general 30-day residency provision if they are:

- federal job corps workers stationed in Illinois;
- inmates of State correctional/rehabilitation institutions located in Illinois; or
- employed full time in Illinois.

## **OUT-OF-STATE STUDENTS**

Any student who is a resident of another state will be considered an out-of-state student and will be charged the rate established by the Board of Trustees.

## **OUT-OF-COUNTRY (INTERNATIONAL) STUDENTS**

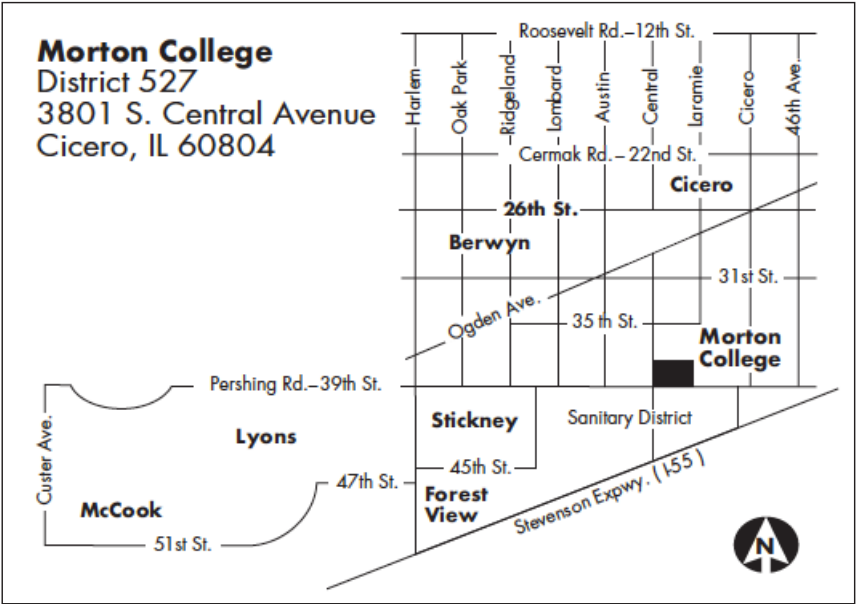
Any student who is a resident of a foreign country will be considered an out-of-country student and will be charged the rate established by the Board of Trustees.

**IN-DISTRICT EMPLOYEE TUITION RATE**

Employees of profit and nonprofit businesses or agencies located within the College district may enroll in Morton College courses at the in-district tuition rate with written approval of their employer. Verification of employment must be on company letterhead and indicate employee works at least 35 hours per week. The verification must also include supervisor name, title of supervisor, contact phone number of supervisor, and student's position.

To be eligible for this special tuition rate, employment verification must be presented at the time of initial registration for the semester.

Verifications must be presented each semester and cannot be duplicates from previous semesters.



**IN-DISTRICT SENIOR CITIZEN TUITION WAIVER**

Morton College is committed to the principle of life-long learning and, therefore, waives tuition and the registration fee for its senior citizens (age 62 or older at time of registration) for credit and non-credit courses. Laboratory and other fees will be assessed where applicable. Additionally, the cost of books and personal supplies for classes are not covered by this waiver.

## REFUND POLICY

Refunds for tuition and fees only occur when official withdrawal procedures are properly completed within the advertised Tuition Refund Table located in the current Morton College course schedule. Telephone requests to be withdrawn from courses are not accepted. The college does not grant refunds to students who:

- › voluntarily enlist in military service following the close of the refund period
- › are dismissed for disciplinary reasons
- › are financially obligated to a college department or office at the time of withdrawal
- › withdraw from courses after the posted deadline

The college may award 100% refunds and late withdrawals to students who present documented extenuating circumstances. Extenuating circumstances include: serious illness or injury to the student that required extended recovery, death or serious illness of an immediate family member, significant trauma in the student's life that impaired the student's emotional and/or physical health. Third-party verifiable documentation is required to have a refund request considered by the committee. Refund requests must follow the Student Complaint and Grievance Procedures. Completed packets must be submitted to the Dean of Student Services via the Academic Advising Center located on the 1st floor of B Building. All requests must be completed within 30 college-business days of the end of the term in question. Morton College reserves the right to approve or deny any claims. Appeals to the decision must be made, in writing, to the Provost.

100% refund - within 10 calendar days from the start of the course for courses that are 10-16 weeks in length (excluding holidays)

100% refund - within 5 calendar days from the start of the course for courses that are 6-9 weeks in length (excluding holidays)

100% refund - within 3 calendar days from the start of the course for courses that are 2-5 weeks in length (excluding holidays)

100% refund - before first day of class for courses that are less than or equal to 1 week in length (excluding holidays)

## ENROLLMENT VERIFICATION

Students in need of enrollment verification for such purposes as health insurance coverage, good student standing, loan deferment, or employers must fill out and submit the Information Release Form available at the Office of Registration and Records.

## INCOME TAX DEDUCTION

Federal income tax regulations permit a tax deduction for educational expenses undertaken either to maintain or improve skills required in one's business or employment, or meet the requirements of an employer or of a law or regulation to keep one's salary, job status or employment. Morton College cannot determine whether educational expenses qualify as a tax deduction in any particular case. Students wanting to know whether the courses they have taken at Morton College are eligible for a tax deduction should consult with the Internal Revenue Service or a tax consultant.

## ALUMNI TUITION WAIVER

A Morton College graduate with an associate's degree may register for a one-time single course, not to exceed five (5) credit hours, at no tuition charge within three (3) years following graduation, at no tuition charge but must pay fees. Graduates cannot qualify for a tuition waiver for a course in which they are currently registered. This waiver applies to the fall and spring semesters only. It may not be used to audit a course.

Applications for Alumni Tuition Waivers and further information may be obtained from the Office of Registration and Records located on the first floor of Building B. Laboratory and other fees will be assessed where applicable. Under the provisions of this waiver, graduates cannot register for the course until 1 week prior to the start of the course. Short-term courses may have separate deadlines based on start dates. In order to receive the waiver, registration must be done in the Office of Registration and Records.

## RETAKE POLICY FEES

Course retake fees (\$30 per credit hour) are assessed when students take a course more than the number of times approved by the Illinois Community College Board.

### For most courses:

- Students will be assessed a course retake fee in addition to the tuition and course fees if they have already enrolled in the course two or more times and did not withdraw before the end of the refund period, or if they are retaking the course after having received an A, B, C, or P (passing) grade.
- Students retaking a course after receiving an A, B, C, or P grade will receive no additional academic credit. (See specific associate degree program requirements for exceptions to this policy.)
- If a student retakes a course, the highest grade will be applied to his/her Morton College grade point average.

**Exception:** Some courses (referred to as “repeatable” courses), may be taken several times for college credit. Course descriptions in the Morton College Catalog identify these courses along with the maximum number of times the course may be repeated for college credit. Students who enroll in a repeatable course more than the maximum number of times will also be assessed a course retake fee in addition to the tuition and course fees.

Students who plan to retake a course should first consult with a Student success coach and a financial aid advisor. Students planning to transfer to another college are urged to check that college's course retake/repeat policy as it may differ and your transfer admission grade point average could be different.

# FINANCIAL AID

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## FINANCIAL AID

Financial aid is available in the form of federal, state and institutional grants, loans, work-study and scholarships. The Financial Aid Office coordinates these aid programs and assists students with the application process. Information on these following financial aid programs is available in the Financial Aid Office, One Stop Center or by contacting a Financial Aid Advisor at (708) 656-8000, Ext. 2428.

## AYUDA FINANCIERA

La ayuda financiera está disponible en forma de becas institucionales, estatales o federales, préstamos, opciones de trabajo para estudiantes y oportunidades de becas. La Oficina de Ayuda Financiera coordina estos apoyos y ayuda financiera a los estudiantes con el proceso de aplicación correspondiente. La información sobre estas oportunidades está disponible en la Oficina de Ayuda Financiera localizada One Stop Center. También puede llamar a nuestros asesores al (708) 656-8000, Ext. 2428.

## APPLICATION PROCESS

Students may apply for federal, state, and institutional financial aid by completing the Free Application for Federal Student Aid (FAFSA).

The FAFSA is completed online at <https://studentaid.gov> and is always free. If any website asks for payment to complete the FAFSA, please contact the Financial Aid Office at Morton College to ensure you are using the correct site.

Before completing the FAFSA, students must create an FSA ID at <https://studentaid.gov/fsa-id>. The FSA ID is a username and password used to access federal student aid systems and serves as your legal signature. If parental information is required, the parent must also create an FSA ID.

Be sure to list Morton College's Federal School Code: 001728 on your FAFSA.

Students are encouraged to complete the FAFSA beginning October 1 of the year prior to enrollment. While the Financial Aid Office processes applications year-round, some grant funds are limited and awarded on a first-come, first-served basis.

After submitting the FAFSA, students must complete all required documentation and meet deadlines for financial aid to be processed. Students should regularly check their Morton College email and Financial Aid Self-Service portal for updates and additional requests.

# STUDENT ELIGIBILITY

To receive financial aid from any of the federal or state programs, you must meet all of the following criteria:

- Demonstrate financial need (for most programs);
- Be a U.S. citizen or an eligible noncitizen;
- Have a valid Social Security number (with the exception of students from the Republic of the Marshall Islands, Federated States of Micronesia, or the Republic of Palau);
- Be registered with Selective Service, if you're a male (you must register between the ages of 18 and 25);
- Be enrolled or accepted for enrollment as a regular student in an eligible degree or certificate program;
- Be enrolled at least half-time to be eligible for Direct Loan Program funds;
- Maintain satisfactory academic progress in college or career school;
- Sign the certification statement on the Free Application for Federal Student Aid (FAFSA®) form stating that
  - you are not in default on a federal student loan,
  - you do not owe money on a federal student grant, and
  - you will use federal student aid only for educational purposes; and
- Show you're qualified to obtain a college or career school education by having a high school diploma or a recognized equivalent such as a General Educational Development (GED) certificate;
- completing a high school education in a homeschool setting approved under state law (or—if state law does not require a homeschooled student to obtain a completion credential—completing a high school education in a homeschool setting that qualifies as an exemption from compulsory attendance requirements under state law); or
- Additional eligibility requirements can apply in certain situations including for non-U.S. citizens, students with criminal convictions, and students with intellectual disabilities.

# FINANCIAL AID PROGRAMS AT MORTON COLLEGE

Morton College is dedicated in helping students and veterans obtain financial aid and educational benefits through a variety of programs offered by the U.S. Department of Education, Department of Veterans Affairs and Illinois Student Assistance Commission (ISAC). Students using a combination of state and federal benefits should consult with the Financial Aid Office to determine the best way to utilize their benefits. Our institution is approved to process the following financial aid and educational benefits for qualifying students:

**Federal Pell Grant** — A Federal Pell Grant, unlike a loan, does not have to be repaid. Pell Grants are awarded only to undergraduate students who have not earned a bachelor's or professional degree. Pell Grants provide a foundation of financial aid to which other aid may be added.

**Federal Work-Study Program** — The Federal Work-Study Program provides on and off-campus jobs for students needing financial aid for their educational expenses. The program encourages community service work and work related to the student's course of study. Students must be enrolled half-time to be eligible.

**Federal Direct Loan Program** — Students can receive low interest loans from the Department of Education to help pay for educational expenses not covered by grants or scholarships. Contact the Financial Aid Office for more information on how to apply. Students must be enrolled half-time to be eligible.

**Federal Supplemental Educational Opportunity Grant (FSEOG)** — The Federal Supplemental Educational Opportunity Grant (FSEOG) program is for undergraduates with exceptional financial need. Pell Grant recipients with the lowest Expected Family Contribution (EFC) will be considered first for a FSEOG. Just like Pell Grants, the FSEOG does not have to be repaid. Students must be enrolled half-time to be eligible.

**Monetary Award Program (MAP) EST.** – MAP grants Est., which do not need to be repaid, are available to eligible Illinois residents who attend approved Illinois colleges and demonstrate financial need, based on the information provided on the FAFSA. The MAP grant does not cover audited courses, non-credit courses, continuing education courses and lab-course fees. Students must take a minimum of 3 credit hours to qualify for this grant. Funding for the MAP grant is limited. Students are encouraged to apply early for this grant to ensure full-year consideration.

**Scholarship Opportunities** — Morton College offers prospective and current students the opportunity to apply for scholarships. There are many scholarships available with various qualifications. Updated lists of available scholarships are released throughout the year. Please check the Morton College website for more information.

# VETERANS' EDUCATIONAL BENEFITS

Morton College is dedicated in helping veterans obtain educational benefits through a variety of programs offered by the Department of Veterans Affairs and Illinois Student Assistance Commission (ISAC). ISAC offers the Illinois Veterans Grant (IVG), Illinois National Guard (ING), and Missing in Action/Prisoners of War (MIA/POW). These grants offer tuition payments to state universities and public community colleges in Illinois.

The Montgomery GI Bill® offers a combination of educational stipends under Chapter 30, 35, and 1606. While Post 9/11 also known as Chapter 33 offers tuition payments, books and monthly housing allowance.

***GI Bill® is a registered trademark of the U.S Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S government Website at <https://www.benefits.va.gov/gibill>***

Students using a combination of state and federal benefits should consult with the Financial Aid Office to determine the best way to utilize their benefits. Our institution is approved to process the following educational benefits for qualifying students:

**Illinois Veterans' Grant (IVG)** is a grant that pays tuition and allowable fees to anyone who has served at least one year of federal active duty honorably in the U.S. Armed Forces or who is serving in the Armed Forces. Recipients may use IVG for a maximum of 120 eligibility units which is the equivalent of four academic years of full-time enrollment. The IVG application is available online. For more information regarding eligibility and application process visit [www.isac.org](http://www.isac.org).

**Illinois National Guard grant (ING)** - is a grant that can pay for eligible tuition and certain fees at Illinois 2- or 4-year public colleges. Qualified applicants must be an Illinois National Guard member and completed one full year of service in the Illinois National Guard. Recipients who have completed less than 10 years of active duty ING service may receive up to 120 eligibility units which are equivalent to 4 academic years of full-time enrollment. Recipients who have completed 10 years or more, may receive 180 eligibility units. Eligibility must be renewed each academic year. For more information regarding eligibility and application process visit [www.isac.org](http://www.isac.org).

**Deceased, Disabled, and MIA/POW Scholarship** – is an education scholarship for the dependents of veterans who are either Missing in Action, a Prisoner of War, died while on active duty, 100% disabled due to service connected disabilities or died as a result. An eligible dependent is entitled to full payment of tuition and mandatory fees to any Illinois state college or university for the equivalent to 4 years of enrollment. For more information regarding eligibility and application process visit <https://veterans.illinois.gov>

**Post 9/11 GI Bill™ (Chapter 33)** – is an education program that helps pay for school if you served on active duty after September 10, 2001. This program pays directly to the school for students' tuition and fees up to the predetermined percentage of eligibility established by the Department of Veterans Affairs. If your service ended before 1/1/2013, benefits expire 15 years after your last separation date from active service. If your service ended on or after 1/1/2013, your benefits won't expire due to the Forever GI Bill-Harry W. Colmery Veterans Educational Assistance Act. For more information regarding eligibility and application process visit [www.va.gov](http://www.va.gov).

**Montgomery GI Bill® Active Duty(MGIB-AD)** – is an education program that can help pay for education and training programs. It provides a monthly payment to the veteran directly. For more information regarding eligibility and application process visit [www.va.gov](http://www.va.gov).

**Montgomery GI Bill® Selected Reserve (MGIB-SR)** — is an education program that offers up to 36 months of benefits to members of the Army, Navy, Air Force, Marine Corps or Coast Guard Reserve, Army National Guard, or Air National Guard. Receive a monthly payment directly. For more information regarding eligibility and application process visit [www.va.gov](http://www.va.gov).

**Veteran Readiness and Employment [VR&E] (Chapter 31)** —is a program that helps explore employment options and address education needs for those who have a service-connected disability that limits your ability to work. For more information regarding eligibility and application process visit [www.va.gov](http://www.va.gov).

**Survivors' and Dependents' Educational Assistance [DEA] (Chapter 35)** —if a Veteran or service member died, was captured or missing, or is permanently and totally disabled due to a service connected disability, your child or spouse may be eligible for this program. If eligible, the dependent would be eligible for monthly payments. For more information regarding eligibility and application process visit [www.va.gov](http://www.va.gov).

**Federal Tuition Assistance** — a Department of Defense (DoD) program that provides financial assistance for voluntary, off duty education to eligible soldiers. If eligible, it covers 100% of tuition only. For more information, soldiers should contact their local Education Services Officer.

**VA Pending Payment Compliance** — Beginning August 1, 2019 and despite any policy to the contrary, Morton College will not take any of the four following actions toward any student using U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while their payment from the United States Department of Veterans Affairs is pending:

- Prevent enrollment;
- Assess a late penalty fee to;
- Require they secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills.

However, to qualify for this provision, such students may be required to:

- Produce the VA's Certificate of Eligibility by the first day of class;
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies (see our VA School Certifying Official for all requirements).

# SATISFACTORY ACADEMIC PROGRESS POLICY

Postsecondary education institutions are required by title IV of the Higher Education Act of 1965, amended (HEA), to establish, publish, and consistently apply reasonable satisfactory academic progress standards to all attending students. An institution's standards are considered reasonable if they are in accordance with the satisfactory academic progress federal regulations. Failure to comply with those rules can bar a school and its students from receiving federal financial aid funds. New federal regulations (34 CFR 668.34) stipulate nationally consistent terminology and tighter controls for measuring the satisfactory academic progress (SAP) for the eligibility of students to receive federal financial aid.

All students at Morton College (MC) who receive federal financial aid must make Satisfactory Academic Progress (SAP) toward completion of their degrees/certificates at the end of each period of enrollment.

This policy applies to the Federal Pell Grant, Supplemental Educational Opportunity Grant (SEOG), Work Study, Direct Loans, Stafford Loan, Parent Plus Loans, Illinois Monetary Award Program (MAP), and military Veterans' benefits. (Please note: State Military Programs are subjected to the GPA portion of this policy)

The U.S. Department of Education requires a policy to use both the qualitative (GPA) and quantitative (Completion Percentage) criteria when measuring SAP.

MC reviews SAP at the end of each payment period and has approved the following standards defining SAP in accordance with regulations issued by the U.S. Department of Education.

## SAP Standards:

1. Cumulative GPA is a minimum 2.00 or higher and;
2. Cumulative completion rate is a minimum 67% or higher and;
3. Completion of program within 150 percent maximum timeframe allowed.

## SAP Statuses

The following are various types of SAP statuses assigned to students applying and receiving Title IV funding. All courses earned at MC and transferred into a student's program are used when determining SAP statuses, including credits earned while not receiving Title IV funding.

## Eligible SAP Statuses:

1. Satisfactory is assigned to students who are meeting the following criteria:
  - a. Cumulative GPA is a minimum 2.00 or higher and;
  - b. Cumulative completion rate is a minimum of 67% or higher and;
  - c. Completion of program is scheduled to occur within 150 percent maximum timeframe allowed.
2. Warning -When students do not meet the cumulative GPA and/or completion percentage requirement(s) portions of SAP standards, they are placed on warning and notified accordingly. Students remain on warning until the next time SAP is reviewed; which is the next payment period. During the warning period, students remain eligible for federal financial aid for one payment period only.

## Eligible SAP Statuses with Conditions:

1. Probation - Assigned to students who are within one term of meeting SAP standards. Students, who have appealed and are approved, and placed on probation, and are eligible for Title IV funds, must meet SAP standards at the end of the subsequent payment period.
2. Academic Plans - Are developed for students that, if followed, will ensure the students are able to meet SAP standards by a specific time period. Plans are created to address students who are affected by GPA, rate of completion, or both. Students who agree and continue to meet plan requirements are eligible for Title IV funds. If at any time while on the plan, the students do not meet the conditions at the end of a payment period, they return to the termination status (ineligible status).

All students deemed unsatisfactory at the end each payment period must submit a new SAP Appeal to be considered for financial aid the following semester.

- a. GPA Plans - To qualify, students must have a completion rate of 67% and have a cumulative GPA less than a 2.00. This plan is structured to assist students with raising their cumulative GPA to a minimum of a 2.00 while maintaining their completion rate of 67%.
- b. Pace Plans - To qualify, students must have a minimum cumulative GPA of 2.00 and have a completion rate less than 67%. This plan is structured to assist students with raising their completion rate while maintaining a cumulative GPA of 2.00.
- c. Pace/GPA Plans - To qualify, students must have a completion rate less than 67% and a cumulative GPA less than 2.00. This plan is structured to assist students with raising their completion rate and cumulative GPA of 2.00 to meet SAP standards.
- d. Customized Plans – In rare cases the committee may assign a customized plan to a student. This plan is structured to assist students with raising their completion rate and GPA, or extending beyond the 150 maximum timeframe.

Examples of elements a school may consider in a student's academic plan include, but are not limited to:

- Registering for fewer credit hours during each enrollment period under the plan;
- Stipulating enrollment in only certain courses and demonstrating academic success in each of those courses toward degree completion;
- A mathematical calculation specifying the percentage of coursework the student must complete;
- Achieving a minimum GPA at the conclusion of the probationary periods (such as a term-specific GPA that would at least indicate an upward movement from a very low cumulative GPA); or
- Achieving minimum grades (not just GPA, but course-specific grades) during each payment period under the plan.

If the school determines at any time that the student is not following the academic plan, the student is immediately ineligible for Title IV aid. To remain eligible, such a student would need to submit another appeal and have it approved based on the student's updated circumstances. Some possible reasons an academic plan could be voided by a school include:

- A student changes their major, at which point the previous plan is voided since it pertained to the major at the time of the appeal;
- If a student violates the academic plan as defined and agreed upon for any reason; or
- If a student does not enroll for the payment period the academic plan was designed to cover.

## Ineligible SAP Statuses

1. Termination – The second term following Warning status that students did not meet one/all of the criteria below, they are ineligible for federal financial aid, and are notified accordingly. Students have the option to appeal their termination status.
  - a. Cumulative GPA is less than 2.00 and/or;
  - b. Cumulative completion rate is less than 67%
2. Maximum Timeframe Completion - Each payment period SAP will be calculated to see if it is mathematically possible for students to complete their program and graduate within the maximum timeframe allowed. If at any point it is determined that the students cannot complete their program (i.e. graduate) within the maximum timeframe, that students become ineligible for Title IV aid. No warning or probation period is allowed.

The maximum timeframe for the completion of a degree/certificate program is defined as no more than 150 percent of the normal timeframe required to complete the degree program. For an undergraduate program, this is measured in credit hours. For example, a normal two-year degree program requires 62 credits to complete (graduate). Students must complete the degree within 93 hours in order to remain eligible for Title IV funding.

Please Note: Coursework that transfers into an eligible program will be included in a student's credit hours attempted and completed.

## Students can appeal maximum timeframe.

Students who previously were on Warning, Probation, Termination, or an Academic Plan status will return back to a SATISFACTORY status if the following conditions are met:

1. Cumulative GPA equals 2.00 or higher and;
2. Cumulative Completion Rate equals 67% or higher and;
3. Completion of program is scheduled to occur within 150 percent maximum timeframe allowed.

The Following Categories Will Be Calculated as Follows:

### Course Repeats

1. Students are only allowed to repeat courses to replace previously passed courses one (1) time and receive Title IV funds. When evaluating SAP, the highest attempt will be calculated in the student's GPA. All attempts will be considered for PACE and are included in the attempted and completed (if applicable) credits. This repeat policy applies to all courses whether or not financial aid was utilized.
2. Students may be paid for repeatedly failing the same course (normal SAP policy still applies to such cases). If students withdraw before completing the course that they are being paid Title IV funds for retaking, the course is not counted as their one allowed retake for that course. However, if students passed a class once and are repaid for retaking it but fail the second time, the failure counts as their paid retake and they may not be paid for retaking the class a third time. Please Note: Final grades of "D" are considered passing at MC.

## **Courses That Were Academically Forgiven**

Schools are not allowed to ignore hours attempted, hours completed or earned grades on coursework applicable to the student's program of study from previously enrolled periods. All courses will be included in the GPA, attempted, and completed SAP calculations.

## **Incomplete Grades**

When students do not complete all course requirements by the end of their enrollment payment periods, some instructors may assign a temporary grade of (I) for incomplete. In these cases, instructors assign traditional grades after the students complete the course requirements. Incomplete grades may inaccurately reflect a students' GPA and/or pace.

Incomplete grades are not considered passing grades and will be counted in the SAP calculations for attempted credits as unsuccessful completion. However, these grades will not affect a students' GPA until the final grade is recorded. The students' SAP will be updated and recalculated to include the new grade the next time an official SAP calculation occurs. SAP calculations are not allowed to be recalculated unless an error has occurred during the grading process. In such events a recalculation will be performed. If the new calculation makes the students ineligible for Title IV funds and aid has been disbursed; the students will be responsible for all aid and balances incurred. All future disbursements will be cancelled.

## **Transfer Credits**

All transfer credits accepted into the college from another institution will be counted in both attempted and completed calculations in a student's SAP evaluation. Students can request a max timeframe/second degree review by completing an appeal to have their credits evaluated to only use the credits applicable to their program of study to be counted in their calculation.

## **Grade Changes**

When a grade change occurs, the Registrar will notify the Financial Aid office of such change. The students' SAP will be updated and recalculated to reflect the changed grade for that term with a SAP Calculation. SAP calculations are not allowed to be recalculated unless an error has occurred during the grading process. In such events a recalculation will be performed. If the new calculation makes the students ineligible for Title IV funds and aid has been disbursed; the students will be responsible for all aid and balances incurred. All future disbursements will be cancelled.

## **Audit Courses**

Audited classes are not considered "financial aid eligible"; therefore, they count neither as hours attempted or completed.

## **Remedial Courses**

Remedial coursework is considered "financial aid eligible"; therefore, they are counted as attempted and completed hours for Pace of Completion. However, remedial courses are NOT included in the students' GPA whether they are completed successfully or unsuccessfully. They are graded as "Pass" or "Fail" and hold no numeric value.

Students are limited to 30 credit hours attempted for remedial and prerequisites courses.

## **Consortium Agreements**

Students coursework earned at MC on a Consortium agreement will be evaluated using this SAP policy.

## **Second Degrees/Certificates (SAP Reset)**

Students seeking consecutive degrees/certificates are monitored like any other students under this policy. A new SAP calculation is performed for the new program of study to determine eligibility.

Any credits earned at MC from prior program that meet requirements in the new program will be counted in the students' GPA, attempted and completed credit hours. Any transfer hours that meet requirements in the new program will be treated as transfer credits.

SAP resets are granted to students who have completed a program and/or pursuing a new program.

Please Note: Students must change their major with the Office of Registration and Records and have a transcript evaluation performed to be considered. We encourage students to submit the evaluation request 30 days prior to changing your major.

## **Appeal Procedures**

Students not meeting SAP requirements have the option to appeal their termination status of financial aid. The following categories are appealable: Grade Point Average, Pace of Completion, and Maximum Timeframe.

Appeals are reviewed at least once per month by a committee composed of various employees of the college. It is the responsibility of the students to initiate any appeal. Students must submit their appeal between the dates noted on the appeal form in order to be considered for the appropriate term. Removal of an academic restriction by Admissions, Registration, Counseling & Career Development, Student success coach, or another MC office does not constitute reinstatement of federal aid eligibility.

Appeals are based on a documentable extenuating circumstance impacting academic performance. Extenuating circumstances are considered to be past events that are no longer barriers to prevent academic progress. The appeal application must support how the student is now in a position to be academically successful. Appeals should include all documentation required to be reviewed. Failing to submit all documents will automatically deny your appeal. You may resubmit your appeal (if within appeal deadline dates) if denied due to missing documents. However, the appeal will not be escalated. Also, all appeals are reviewed in the order they are received.

Appeals will not be granted for the repeated circumstances. For example, an appeal can be granted due to a medical issue (back surgery in 2020) placing the students on probation or an academic plan. If students are placed on termination again, the same medical issue (back surgery in 2020) cannot be used as the basis for the appeal. The latter appeal must be based on a reason different from the first appeal.

Please Note: Sitting out for an enrollment period(s) is not sufficient to re-establish eligibility for Title IV aid.

### **Examples of extenuating circumstances to be considered for appeal:**

1. Serious illness or injury to student or immediate family member (where you had to provide care) that required extended recovery time;
2. Death of an immediate family member;
3. Significant trauma in students' life that impaired the students' emotional and/or physical health;
4. Withdrawal due to military service;
5. Second degree or certificate;
6. Change of major;
7. Other unexpected circumstances beyond the control of the student

For this purpose, immediate family member is defined as (parent, spouse, sibling, child, and grandparent (step or in-law respectively).

Completed appeals should be submitted through a Student success coach. The appeals will be documented in the system as received, prepared, and routed to the appeals committee.

Students are not contacted during the appeal process. The only communication received will be the final decision notification letter.

### **Notifications to Students**

Students receive the following notifications:

#### ▶ **Warning Letter**

Warning letters alert students that although they remain eligible for Title IV funding, they must return back to a satisfactory status at the end of the next payment period enrolled.

#### ▶ **Termination**

Termination letters notify students that they are no longer eligible for Title IV funding as well as offer guidelines how to regain Title IV funding.

#### ▶ **Warning Maximum**

Time Warning maximum timeframe letters warn students who are at or reaching 120 percent maximum timeframe to meet with an Student success coach to determine how many credits remain to complete their program. This notice also alerts students that they must complete their program within 150 percent maximum timeframe.

#### ▶ **Maximum Time**

Maximum timeframe letters notify students that they are no longer eligible to receive Title IV funding because they weren't able to complete their program within 150 percent timeframe allowed.

## FEDERAL RETURN OF TITLE IV FUNDS

Students who withdraw from coursework in a semester may be required to return a portion of the federal financial aid that had been applied to their account. The final amount of financial aid earned will be based on the period of time the student participated during the semester.

Students receiving federal funds who fully withdraw, either officially or unofficially, before the conclusion of the semester, are subject to a "Return of Title IV Aid" calculation established by the federal government. This calculation determines the portion of federal funds that were earned by the student up to the time of withdrawal. The withdrawal date (last date of attendance) will be determined by official withdrawal from classes by the student, or as reported by the instructor in cases of unofficial withdrawal.

If the student withdraws beyond the 60% point in the semester, they are considered to have earned 100% of the federal financial aid they were scheduled to receive. Students enrolled in classes that do not span the entire semester are considered withdrawn if, at the time of the withdrawal, they are not actively attending another class and have not provided written confirmation of anticipated return in the semester for a late start class. Federal financial aid disbursed more than the earned amount must be returned to the federal government.

The college will perform the "Return of Title IV Aid" calculation within 30 days of the date of determination that a student has completely withdrawn and return any unearned federal funds it is responsible for returning within 45 days of the date the school determined the student withdrew. If the student previously received a refund from financial aid, which was to be used for education-related personal or housing expenses, they may be required to return a portion of those funds to the college. When the college returns a student's unearned funds to the government, they will be billed for any balance due for any unearned refunds received or institutional charges that are now unpaid because of the return of federal funds.

If it is determined through a "Return of Title IV Aid" calculation that the Federal financial aid already disbursed to the student is less than the earned amount, the school will generate a

post-withdrawal disbursement to the student no later than 45 days after the date of the school's determination that the student withdrew. Funds returned to the federal government based on the "Return of Title IV" Aid calculation referenced above, reduce the outstanding balances in individual federal aid programs. Federal financial aid returned by the student, the parent, or the college, are allocated in the following order:

1. Federal Unsubsidized Direct Loan
2. Federal Subsidized Direct Loan
3. Federal Direct Parent Loan (PLUS)
4. Federal Pell Grant
5. Federal Supplemental Educational Opportunity Grant (SEOG)
6. TEACH Grant

If financial aid is awarded after the conclusion of the semester, federal aid is awarded based on the courses completed for that semester. Students receiving Federal financial aid and considering withdrawing from registered coursework are encouraged to make an appointment with a Financial Aid Assistant to examine the implications to their financial aid.

# REGISTRATION

|    |                                                |
|----|------------------------------------------------|
| 31 | Unofficially Withdrawing                       |
| 31 | Registering for a Course                       |
| 31 | Late Registration                              |
| 31 | Dropping a Course                              |
| 32 | Military Service                               |
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| 33 | Auditing a Course                              |
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## The Difference Between Drops and Withdrawals

### What Is the Difference Between a Drop and Withdrawal?

A drop occurs during the refund period and does not appear on your transcript. If you drop a course, your enrollment will be reduced and the amount of financial aid you are eligible for can change.

A withdrawal occurs after the refund period and will appear on your transcript as a “W” grade.

If you withdraw from a course, your enrollment is locked and will not change, unless:

- You completely withdraw officially/unofficially from the college. (All your enrolled courses)
- You never begin attendance in the course(s).

## What Is the Difference Between Officially and Unofficially Withdrawing?

### Officially Withdrawing

When students stop attending or participating academically in a course, they must report this to the Office of Registration & Records immediately by officially withdrawing from the course. This can occur during the drop or withdrawal periods of the term.

For example: Abby is enrolled and begins attending COM 101 that meets from Aug. 24, 2021 to Dec. 18, 2021. On Sept. 30, 2021, Abby is in a car accident and is advised by her doctors not to return to school. Abby logs into her Panther Portal and “officially” withdraws from the course.

Since this occurred after the refund period, a “W” grade will appear on her transcript, and a Return of Title IV (R2T4) calculation will be performed since this is the only course Abby is enrolled in. (See R2T4 Policy for more information.)

## **UNOFFICIALLY WITHDRAWING**

When students stop attending or participating academically in a course and fail to remove themselves from the roster, they have “unofficially withdrawn” from the course. This can occur during the drop or withdrawal periods of the term.

Students who do not attend within the first ten calendar days of a full-term course will be subject to drop for non-attendance. Ultimately, it is the student’s responsibility to drop or withdraw from a course

For example: Abby is enrolled and begins attending COM 101 that meets from Aug. 24, 2021, to Dec. 18, 2021. On Sept. 30, 2021, Abby is in a car accident and is advised by her doctors not to return to school. However, Abby forgets to withdraw from her COM 101 course and remains enrolled.

Abby’s last class attended was Sept. 26, 2021. Her professor last received a homework assignment dated Sept. 27, 2021. Since Abby didn’t notify her school she would not be returning, the school determined that Abby “unofficially withdrew” on Sept. 27, 2021 (the last log of academic activity).

## **REGISTERING FOR A COURSE**

All students planning on attending Morton College must register for courses and pay tuition and fees. A course schedule, listing days and times courses are offered can be found online. Students may enroll online using their Panther Portal at:

<http://my.morton.edu> Once a student is logged in, navigate to Panther Central and follow the steps below;

Panther Central, Search and Register for Courses. Alternatively, students may also register in person at the Office of Registration and Records. Please see the Morton College Priority Registration Procedure for more information about priority registration

## **LATE REGISTRATION**

Students are discouraged from registering for any class that has already met. However, with the written approval of the instructor on a Registration form, a student may register for a course up to six calendar days after the class has met. Registration for a course after these six calendar days is prohibited.

## **DROPPING A COURSE**

For a 16-week course, a student may drop a course after initial registration until two weeks before the last day of the semester. For the Summer semester, it is one week before the end of the semester. Courses shorter than one semester may have different drop dates. To drop a course, please refer to the Course Drop Procedure as outlined below. Courses shorter than the traditional semester length may have different drop dates.

## **COURSE DROP PROCEDURE**

Students may drop a course by logging in to their Panther Portal online at <http://my.morton.edu> or by completing an add/drop form available in the Office of Registration and Records. To drop a course in person, a student must submit the form to the Office of Registration and Records for processing before the deadline date. Refunds of tuition and fees will be allowed only as specified in the Refund Policy.

## **MILITARY SERVICE**

Students of Morton College who are members of any reserve component of the United States Armed Forces who are mobilized to active military duty shall be allowed to withdraw from their courses according to the following policy:

### **Special Accommodations for Military Service**

By Students —

Now, therefore be it hereby resolved by the Board of Trustees of Morton College, Community College District 527, County of Cook, State of Illinois, that any students of Morton College who are members of any reserve component of the United States Armed Forces, including the Illinois National Guard, who are mobilized to active military duty in connection with the war on terrorism, shall be allowed to withdraw from their courses without penalty and will full refund of tuition and fees, or request an “I” (incomplete) grade for the courses to be completed when returning to the College, or if after midterm and with instructor consent be allowed to take early final examinations. For more information regarding this policy, contact the Office of Registration and Records at (708) 656-8000, Ext. 2346.

## **ADMINISTRATIVE WITHDRAWAL**

Students who no longer wish to continue in a course are responsible for withdrawing from it. Students, however, who have excessive absences as defined by the course syllabus, or who are otherwise judged not to be seriously pursuing academic success, may be notified by their instructor of possible withdrawal. Students who fail to make satisfactory arrangements with their instructor to continue in the course may be subject to administrative withdrawal for nonattendance, and a grade of “W” (withdrawal) will be assigned. It is the student’s responsibility to officially withdraw from a course. Students administratively withdrawn from classes remain responsible for tuition and fees, per the College’s Refund Policy and Tuition Refund Table.

Students may appeal the withdrawal to the appropriate Dean within 10 days. The dean’s decision to reinstate or not, will be based on the circumstances, the student’s status in the class, and the instructor’s recommendation. If the decision is made to reinstate the student, the Dean will notify the Office of Registration and Records, the student, and the faculty. Mutually agreed upon conditions may be applied to certain reinstatements.

## AUDITING A COURSE

Students wishing to audit a course must meet all admission and registration regulations and pay the required tuition and fees. Students may only register to audit a course during the first week of the desired course. However, a student may change from credit to audit or audit to credit by completing an Add/Drop Form and obtaining the instructor's written approval. Requests for a change of audit status must be submitted to the Office of Registration and Records before the course's midterm week or, for a 16-week course, no later than the seventh week, or, for an eight-week course, no later than the third week. Courses shorter than eight weeks will have different deadlines. For additional information, contact the Office of Registration and Records. A student auditing a course may participate fully in class activities, subject to the instructor's approval, but will not be required to take tests or examinations. No credit is awarded for courses audited and a grade of "V" (visitor) will be recorded. Students may register to audit a course only during Add/Drop week or the first week of the semester.

## CANCELLATION OF COURSES BY THE COLLEGE

Courses will be held as scheduled unless cancelled due to insufficient enrollment or other College considerations. The College reserves the right to cancel any course for insufficient enrollment or for other reasons deemed necessary by the College. The College, at its discretion, may adjust course starting and ending dates as well as meeting times or days. Should a course be cancelled, a full refund of tuition and fees will be issued. For more information, please see the Tuition Refund Schedule on our website at [www.morton.edu](http://www.morton.edu).

## MORTON COLLEGE PRIORITY REGISTRATION PROCEDURE

**Purpose:** This procedure establishes a clear and consistent process for implementing priority registration at Morton College for eligible student populations, including military service members, veterans, student-athletes, and students with 30 or more earned credit hours. The goal is to support timely degree completion, academic planning, and compliance with applicable federal and state laws.

**Legal Authority:** In accordance with Section 3-29.10 of the Illinois Public Community College Act (110 ILCS 805/3-29.10), Morton College provides priority enrollment to service members and veterans who meet the statutory definitions. This policy is also designed to provide academic support and scheduling stability for other priority student groups identified by the College.

**Definitions:**

- **Service Member:** A resident of Illinois who is a member of any component of the U.S. Armed Forces, including reserve components, or the National Guard of any state, the District of Columbia, a commonwealth, or U.S. territory, and who is eligible to receive military educational benefits.
- **Veteran:** A resident of Illinois who was a service member and who has received an honorable, general, or other than honorable discharge.
- **Student-Athlete:** A student currently rostered and eligible for participation in intercollegiate athletics, as verified by the Morton College Athletic Department.
- **Continuing Student with 30+ Earned Credits:** A currently enrolled Morton College student who has earned 30 or more college-level credits as recorded on the official transcript.

## **Procedure**

### **Verification of Eligibility**

- › Veterans and service members must submit appropriate documentation (e.g., DD-214, proof of eligibility for VA benefits) to the Office of Registration and Records. Eligibility must be verified prior to registration.
- › The Athletic Department will provide a roster of eligible student-athletes to the Office of Registration and Records prior to the opening of registration. This may also be accomplished through pre-populated identifier in Colleague or other Student Information System.
- › Earned credit hours for continuing students will be automatically verified through Colleague at the time of registration.

### **Registration Tiers**

- › Tier 1: Verified service members and veterans
- › Tier 2: Verified student-athletes
- › Tier 3: Continuing students with 30 or more earned credits
- › Tier 4: All other currently enrolled and new students

### **Registration Schedule**

- › Priority registration for Tier 1, Tier 2, and Tier 3 groups will open, at minimum, 3 business days before general registration begins.
- › Registration dates will be published in advance by the Office of Registration and Records in coordination with Academic Advising and Student Success Coaches.

### **Communications and Support**

- › Eligible students will receive targeted email and text communications informing them of their registration window and next steps for academic advising.
- › Advisors and Success Coaches will receive updated lists of eligible priority students to ensure support is provided in advance of the registration window.

Review and Oversight This procedure will be reviewed annually by the Dean of Student Services in collaboration with the Registrar.

## NOTES

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# ACADEMIC INFORMATION AND CAMPUS REGULATIONS

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## **ACADEMIC INFORMATION AND CAMPUS REGULATIONS**

### **CODE OF STUDENT CONDUCT\***

Morton College assumes that students govern themselves in terms of appropriate behavior with emphasis on self-respect and respect for others. The purpose of the Code of Student Conduct is to provide fair and reasonable rules and procedures to promote educational development and to ensure that students do not engage in conduct that interferes with the mission or the daily operation of the College.

#### **Prohibitions**

For the College to carry out its responsibilities and to provide students with the most beneficial educational experience, the following actions have been deemed as violations of the College's Code of Student Conduct: (This is not an exhaustive list of prohibited conduct, but merely guidelines as to the type and nature of conduct that is prohibited. Any conduct that the Dean of Student Services determines could endanger the safety or security of members of the College community or is harmful to the College environment is also prohibited.)

- All forms of academic dishonesty, including but not limited to circumventing testing and/or assessment procedures, cheating, plagiarism, forgery and alteration or unauthorized use of College documents, records or instruments. (Please see the Academic Honesty Policy for details.)
- Engaging in conduct that interferes with, disrupts or obstructs teaching, the performance of institutional duties or the pursuit of educational, administrative, or other authorized College activities; or occupying College buildings or property after notice to depart has been given.
- Abuse, damage, or vandalism (including all forms of graffiti) to, or theft of College property. Unauthorized entry to College facilities. Theft of College property includes theft of College services and products and includes but is not limited to software licensing infringements and illegal copying/downloading of copyrighted materials.
- Abuse, damage, or vandalism (including all forms of graffiti) to, or theft of the personal property of a member of the College community on campus or at an official College activity off campus.
- Tampering with or disabling fire and safety equipment, systems or posted instructions for their use, as well as causing false alarms of fire or emergency systems; failing to exit College facilities when an alarm is sounded; failing to comply with emergency procedures as directed by College officials or those acting in their stead.
- Unauthorized possession or duplication of keys or key cards to College property or passwords to College information technology systems and the distribution of such keys and/or passwords to other persons.
- The possession of, use of, or being under the influence of illegal drugs, controlled substances, narcotics, or alcoholic beverages, without an authorized prescription issued by a medical authority, while on campus or at an official College activity off campus; the sale or distribution of illegal drugs, controlled substances, narcotics, or alcoholic beverages while on campus or at an official College activity off campus; the intentional misuse of legally prescribed drugs or medications and/or the sale or distribution of these drugs to other people.

- Verbally, in written form, or physically abusing, harassing (including but not limited to harassment on the basis of sex), threatening, assaulting (including but not limited to sexual assault, as defined in the College's Sexual Misconduct policy) or endangering the health, safety or well-being of any person on campus or at an official College activity off campus. This includes (a) a student who threatens to cause harm to himself/herself, and (b) all conduct or communications that a reasonable person would interpret as a serious expression of intent to cause physical or mental harm to a person or damage to a person's property.
- Hazing, stalking, creating a hostile environment, and any other behaviors which intimidate, threaten, coerce, or endanger the safety of others, or which interfere with the safety of any member of the College community or its guests.
- Unauthorized use of College facilities, equipment, and services including but not limited to telephones, e-mail system, internet, computer networks, photocopy machines or fax machines.
- Denying a trustee, employee, student or guest of the College freedom of movement or use of the facility.
- Loud, abusive or offensive language; loitering; gambling; indecent exposure of the body including but not limited to urination or defecation in public, and lewd or obscene conduct.
- The use and/or possession of firearms, ammunition, explosives, explosive devices, fireworks, other weapons or dangerous chemicals on College premises or at an official College activity off campus; the intentional misuse of chemical or flammable substances normally used in the educational process on College premises or at an official College activity; Firearms are never permitted to be carried on the College campus by students; an enrolled student who may be otherwise authorized to carry a firearm (such as employment as a police officer) is strictly prohibited from bringing his/her weapon on to College premises, or to any official College activity off campus
- Smoking within any College facility or within fifteen (15) feet of an entrance, open window, or ventilation intake.
- Failure to comply with directions of College officials or law enforcement officers acting in performance of their duties and/or failure to identify oneself to these persons when requested.
- Unauthorized use of the College's name or logo or an attempt to defraud another person through unauthorized representation as an agent of the College.
- Abuse of computer time including but not limited to unauthorized entry into a file to use, read or change the contents; unauthorized transfer of a file; unauthorized use of another individual's identification and password; unauthorized use of copyrighted material received or transferred over the network; use of computing facilities to interfere with the work of another student, faculty member or College official; use of computing facilities to send or receive obscene or abusive messages; use of computing facilities to access obscene Internet sites; use of computing facilities to interfere with normal operation of the College computing system; and use of computing facilities for personal profit or gain.
- Inciting, aiding, or encouraging others to engage in a behavior which violates the Student Code of Conduct.
- Violation of local, state and federal laws, regulations and policies on campus or at an official College activity off-campus.

- Students shall assume responsibility for their own conduct. All students involved in apparent acts of misconduct will have the right of due process as set forth in detail below. Reporting Violations of the Code of Student Conduct All members of the MC community including faculty, staff and students must work together to protect the integrity of the institution. Together they share the responsibility for reporting violations of the Student Code of Conduct. Except as otherwise provided herein, as in the case of Academic Dishonesty, the following process should be followed for reporting violations of the Code of Student Conduct: Reports shall be made in writing and submitted to the Dean of Student Services. A written report must include the date and approximate time of the violation of, where the violation took place, a brief description of the violation or incident, and the names of witnesses, if any. It is preferred that reports be submitted within forty-eight (48) hours of the alleged violation. Individuals who submit a violation report will be informed that information from their report (including their identity) may be shared with the accused student during the investigatory and/or due process hearing stage.

### **Academic Honesty Policy**

MC treats ethical violations affecting coursework with the utmost seriousness. Cheating of any kind will result in an Academic Penalty and may result in further disciplinary action. Academic dishonesty in all modes of instruction (in or out of class) includes, but is not limited to:

- Copying someone else's work or answers.
- Allowing another student to copy one's work or answers for assignments.
- Using materials or information hidden on one's person during quizzes and examinations.
- Obtaining and using teacher's editions of textbooks, instructor's manuals, tests or test answers in an unauthorized fashion.
- Providing course materials such as papers, lab data, reports, or answers to be presented by another student as his or her work.
- Making up or falsifying information for the purpose of completing an assignment, quiz, exam or presentation.
- Taking an exam in place of another student or having someone take an exam in one's place.
- Presenting a paper as a speech in a public speaking course which had been submitted as a paper in another course without first receiving permission from both instructors.
- Copying a computer program for unauthorized use.
- Breaking into or utilizing College-owned computer files in an unauthorized manner.
- Altering a grade sheet or forging a signature on an academic document.
- Plagiarism (discussed below in more detail).
- Unauthorized and/or unethical use of generative artificial intelligence (discussed below in more detail).

## **Plagiarism**

Although academic coursework often requires students to use and integrate intellectual material gathered from sources, it is imperative that these sources be clearly identified. Plagiarism refers to the act of representing words, ideas, music, images, artwork, data or other intellectual property as one's own when one did not create them. Submitting one's own work for credit for more than one course without first receiving permission from the instructors of both courses is "self-plagiarism." Here are some examples:

- Putting one's name on work one did not produce and handing it in for credit.
- Including passages from source material in an assignment without using proper citation, quotation marks (in the case of direct quotations in written work) and a reference to the source.
- Including pictures, graphs, statistics or other data in an assignment without citing the source.
- Summarizing or paraphrasing any material (not recognized as common knowledge) in an assignment without referencing and citing the source.
- Purchasing a paper or other piece of intellectual or creative work, or having someone write or create such, to submit as one's own work.

## **Use of generative artificial intelligence (GAI)**

Student use of work created by GAI and/or related technologies, without written consent from the instructor (via the syllabus or other direct, written or otherwise recorded communication), is a violation of the code of conduct.

Work suspected of not being fully produced by the person whose name is on it may require additional evidence to demonstrate authorship in order to be eligible for credit.

Class syllabi must include language to guide students in the use of GAI and/or related technologies for coursework. Additionally, syllabi must indicate if and how artificial intelligence detection analysis of student work will be used in the course.

Students should seek clarification and guidance for usage of GAI and/or related technologies in a particular course from their instructor(s).

## **Reporting Acts of Academic Dishonesty**

All members of the MC community including faculty, staff and students must work together to protect the academic integrity of the institution. Together they share the responsibility for reporting acts of academic dishonesty.

## Procedures for Handling Acts of Academic Dishonesty

If a student witnesses or learns of an apparent violation of the Academic Honesty Policy, he/she should report the incident to the appropriate faculty. The appropriate faculty member will then meet with the student or students implicated by the(se) witness(es). Alternately, a faculty member who believes he or she has detected academic dishonesty on his or her own will meet with the student or students in question to discuss the situation. In all cases, the following procedures will apply:

- If the faculty member determines there is evidence of cheating, the faculty member will determine the Academic Penalty as it pertains to the course in question. The academic penalty includes but is not limited to a failing grade for the assignment and/ or a failing grade for the course are the most likely Academic Penalties.
- The student's recourse for an Academic Penalty is to follow the Grade Appeal process.
- The faculty member will then document the violation and the Academic Penalty
- Please refer to the Student Handbook for the most current information. on an Incident Report and forward a copy of this report to the appropriate academic dean.
- The appropriate academic dean will forward notification of the incident and course level penalty to the Dean of Student Services.
- The Dean of Student Services will meet with any of the principal parties necessary to determine whether further disciplinary action (over and above the Academic Penalty) is necessary. Such actions including but not limited to probation, suspension, or administrative withdrawal from an academic major may result. The imposition of further disciplinary action based on a violation of the Academic Honesty Policy is subject to the Due Process procedure set forth herein.

## Disciplinary Action

Students shall assume responsibility for their own conduct. In keeping with the educational purposes of the College, disciplinary action, other than an action requiring dismissal, shall be intended to be developmental rather than punitive. Unless otherwise provided herein, a student violating the rules and regulations of the College may be subject to any of the following disciplinary actions depending on the nature and severity of the incident, the student's previous conduct record, the developmental needs of the student, the level of accountability and responsibility taken by the student, the interests of the community and those impacted by the conduct, any other aggravating, mitigating, or relevant factors. All disciplinary actions will be issued in writing.

1. **Official Warning** — Written notification that the student has committed an act(s) of misconduct and warning that another offense may result in the imposition of a more serious sanction.
2. **Disciplinary Probation** — A disciplinary status which does not interfere with the student's right to enroll in and attend classes, but which includes some restrictions, requirements, referral for professional aid or assistance as determined by the individual case, all which will be in writing.
3. **Restitution** — Reimbursement for damage to property including the cost of replacement of parts and/or labor.
4. **Record Restriction** — Restricting a student from utilizing an official record or service of the College (examples include but are not limited to transcripts, registration, etc.) until the student's obligation has been met.
5. **Suspension** — Separation from the College that denies the privilege of continuing enrollment for a definite period of time after which the student may be eligible to return. Suspension may include

withdrawal from one or more classes. Students who are suspended for disciplinary reasons will still be held responsible for all tuition and fees incurred. Conditions for readmission may be specified.

**1. Dismissal** — Permanent separation from the College.

Disciplinary action will not be made part of the student's permanent academic record, but will become part of the student's confidential record maintained by the Dean of Student Services. These records will be made available to prospective employers or academic institutions only when a student has signed an authorization for a disciplinary background check.

**Due Process**

Disciplinary action against students may be initiated by any member of the College community by filing a complaint in writing to the Dean of Student Services. Upon receipt of a complaint or a report of misconduct, the Dean of Student Services will initiate a disciplinary action investigation by (a) interviewing the complainant and/or the persons who filed the report and who are identified in the complaint and/or report, (b) notifying the implicated student, in writing, of the misconduct charge, (c) requesting to interview and (d) interviewing the implicated student. The implicated student may decline to be interviewed. Thereafter, the Dean of Student Services may file formal charges of misconduct. If the Dean of Student Services declines to file charges they must immediately notify the complainant and the person who filed report. The complainant and report filer may file charges within five (5) calendar days of the Dean of Student Services decision not to file charges. Any student formally charged with committing an act of misconduct will be subject to the disciplinary procedure. All students are guaranteed the right of due process. The Disciplinary Board will conduct hearings for students accused of violating the Code of Student Conduct using the following procedures:

1. The student shall be notified that he or she is accused of violating a specific regulation. The notice shall provide a statement of facts that are of sufficient particularity to enable the student to evaluate the charge.
2. The student shall be notified that he or she may elect one of the following four (4) courses of action. The student must communicate his/her choice to the Dean of Student Services in writing within seven (7) calendar days of the student receiving notice of the misconduct charge. In the event the student fails to make a timely selection, the process will continue as though the student selected choice (2)(a).
  - 2a. The student may admit the alleged violation and place in writing to the Dean of Student Services any relevant and/or mitigating factors the student would like the Dean of Student Services to consider in evaluating the appropriate action. The Dean of Student Services will then decide on the appropriate action and notify the student of said action in writing within five (5) calendar days of the meeting. The student, however, is entitled to appeal this disciplinary action to the Disciplinary Board.
  - 2b. The student may deny the alleged violation and request a hearing before the Disciplinary Board.
  - 2c. The student may admit the alleged violation and request a hearing before the Disciplinary Board.

- 2d.** If the student is involved in either civil or criminal proceedings arising out of the same incident giving rise to the violation of the Code of Student Conduct, the student may plead “no contest” which means he/she neither admits nor denies the allegations but will accept the disciplinary action as decided by the Dean of Student Services.
- 3.** When the student requests a hearing before the Disciplinary Board the student must submit to the Dean of Student Services information including the student’s name, address, e-mail address, and phone number.
  - 4.** At least fourteen (14) calendar days prior to the hearing of the Disciplinary Board, the student shall be entitled to:
    - 4a.** A written notification of the time and place of the hearing.
    - 4b.** A written statement of charges with sufficient particularity to enable the student to prepare the necessary defense.
    - 4c.** A written notification of how the alleged violation was reported and by whom it was reported.
  - 5.** After receiving notice of the alleged violation but prior to the hearing date, the student has the right to ask questions of the Dean of Student Services regarding the disciplinary process and possible sanctions that could result. The student must put his/her request for such a meeting in writing to the Dean of Student Services.
  - 6.** At least seven (7) calendar days prior to the hearing before the Disciplinary Board, the student must submit to the Dean of Student Services relevant documentary evidence relating to the conduct violation that the student intends to introduce at the hearing, a list of witnesses the student intends to call at the hearing, and the student’s preferred outcome.
  - 7.** The student has the right to request a change in the date and/or time of the hearing if he/she is unable to attend due to a legitimate reason which constitutes good cause to change the meeting and submits the request in writing to the Dean of Student Services three (3) working days prior to the scheduled hearing. The Dean of Student Services will decide if the request is warranted. Only one (1) change in date and/or time will be granted.
  - 8.** The complainant and the person who filed the charges shall be present at all parts of the hearing and present his or her charges to the Disciplinary Board in the form of (a) presenting opening and closing statements, (b) testifying, and (c) calling witnesses on his or her behalf.
  - 9.** The complainant may have advice during the hearing from an individual from within the College community selected by the complainant, including, an attorney. The complainant must provide the Dean of Student Services the name of the advisor at least forty eight (48) hours prior to the hearing. The advisors participation is limited to offering advice. The advisor cannot participate in the hearing on behalf of the student.
  - 10.** The student shall be entitled to appear in person and be present at all parts of the hearing and present his or her defense to the Disciplinary Board in the form of (a) presenting opening and closing statements, (b) testifying, and (c) calling witnesses on his or her behalf. (Students are responsible for contacting their own witnesses to appear at the hearing.)

11. The student may have advice during the hearing from an individual from within the College community selected by the student. Representation by legal counsel is allowed in disciplinary hearings at which the College is utilizing an attorney. In this case, the student will be notified that the college intends to utilize an attorney within ten (10) calendar days of the hearing. The student must provide the Disciplinary Board Chair the name of the advisor and/or legal counselor at least forty eight (48) hours prior to the hearing.
12. If the student elects not to appear, the hearing shall be held in his or her absence.
13. The student or his/her legal representative shall be entitled to question the versation between the alleged offender and the alleged victim occur within the hearing.
14. The student shall not be required to testify against himself or herself.
15. The student shall be entitled to an expeditious hearing of his or her case.
16. At the onset of the case, the Disciplinary Board will introduce all Board members present, describe the alleged violation, identify the possible sanctions, and describe the hearing process.
17. A decision of the Disciplinary Board will be communicated to the student through the Dean of Student Services within ten (10) calendar days of the final hearing.
18. The decision of the Disciplinary Board shall state that the student has the right to appeal the decision of the Disciplinary Board. If the student appeals, any decision by the Disciplinary Board shall be held in abeyance until the case has been reviewed. The student must notify the Dean of Student Services of his or her intention to appeal the decision of the Disciplinary Board within fourteen (14) calendar days of issuance and transmittal of the decision to the student.

### **Disciplinary Board**

The Disciplinary Board will consist of six (6) members as follows:

- two (2) students
- two (2) faculty members
- two (2) administrators

The Student Government Association will recommend the two (2) student members of the Student Government Association who will serve on the Disciplinary Board. The Dean of Student Services will select the two (2) faculty members and two (2) administrators from a pool of volunteers. A secretary will be provided to the Committee through the office of the Provost.

Every member of the Disciplinary Board is obligated to excuse himself or herself from service if he/she believes he is not qualified to evaluate a particular complaint, if he/she believes he/she could not render an objective opinion, or if he/she is aware of a potential conflict of interest.

The Disciplinary Board will hear all cases under due process procedures. It should seek all facts in the case and may request witnesses from the faculty, staff and/or the student body. The Disciplinary Board will determine the discipline to be imposed, if any. Accurate and complete records shall be kept of all hearings by the Dean of Student Services office and made available to a Review Committee in case the decision of the Disciplinary Board is appealed.

## **Appeal**

The action of the Disciplinary Board shall be final unless the accused student exercises his or her right to an appeal to the Provost in writing within fourteen (14) calendar days of the decision of the Disciplinary Board. The Provost shall immediately provide a copy of any appeal to the complainant. The College may also appeal the decision of the Disciplinary Board if it is of the opinion exercise its right to appeal within fourteen (14) calendar days of the decision of the Disciplinary Board. The Provost shall immediately provide a copy of any appeal to the Respondent. The College shall follow all appeals procedures and limitations followed by the respondent. The issues to be reviewed on appeal shall be limited to whether: (a) the sanction is appropriate; (b) the proper due process procedures were followed; and/or (c) additional pertinent information is available which was previously not available as of the date of the hearing. If the student presents new information, the complainant may file a written response thereto within five (5) calendar days of the filing of the appeal. If the student submits an appeal, the Provost will appoint a Review Committee, consisting of senior college leadership, to study the action taken by the Disciplinary Board. The Review Committee will consider the record of the hearing together with any written material in the file and the written appeal and any response thereto. Every member of the Review Committee is obligated to excuse himself or herself from service if he/she believes he is not qualified to evaluate a particular complaint, if he/she believes he/she could not render an objective opinion, or if he/she is aware of a potential conflict of interest. If the Review Committee and the Disciplinary Board disagree, the final decision will be made by the President.

## **No Retaliation**

The College does not tolerate retaliatory behavior of any kind. While it may be understandable that students may express frustration or disappointment, if the Disciplinary Board does not find in their favor, behavior deemed by the Dean of Student Services to be retaliatory in nature may result in the imposition of sanctions.

## **Exigent Circumstances**

Notwithstanding anything contained herein, the College may remove any member of the College community when that person poses an immediate threat to the health or safety of any other member of the College community. In these situations, it is expected that the individual would exercise reasonable judgment when responding to such an emergency. Campus Safety involvement shall be elicited and campus administrators should be immediately informed. Where there is an immediate threat to the health or safety of any member of the College community, the administrator and Campus Safety personnel present each have the authority to: (a) impose an immediate temporary suspension; or (b) immediately restrict access to designated areas of the campus, upon any member of the College community who, in the sole judgment of the Administrator, poses a threat to the safety or well-being of any member or guest of the College. Removal of College faculty and staff is subject to the terms of their respective collective bargaining agreement.

## **Student Complaint and Grievance Procedure**

Students are encouraged to file feedback, both positive and negative, regarding any policy or practice at the college. The purpose of the procedure is to ensure students the opportunity to express their concerns regarding their relationship, as a student with members of the College's administration, faculty, or staff and to comply with Title IX of the Educational Amendments of 1972, Section 504, of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. These procedures are designed to cover complaints and grievances, as well as any alleged discrimination by reason of race, color, religion, national origin, gender, sexual orientation, age, marital status, disability, and membership in any other protected class, with respect to the conduct of the College's administration, faculty, and/or staff. (Please refer to the Reporting Procedure in the Code of Student Conduct for complaints about the conduct of students.)

### **Applicability**

These procedures apply to all registered MC students, regardless of academic program. Former students, who are no longer enrolled at the college, but who are within the 30 college-business day reporting allowance may also use this complaint and grievance procedure. MC encourages open dialogue and requests that students first attempt to address their concerns with the personnel specifically involved in the situation. When this approach is not feasible, the following formal complaint procedures are the requisite method to filing a complaint, grievance, and appeal. A student who is not satisfied with the results of his/her Academic Grade Appeals to the respective faculty member may advance his/her appeal to either the Dean of Arts and Sciences or the Dean of Career and Technical Education. The following complaints, grievances or feedback are to be submitted to Director of Human Resources who serves as the college's Title IX Coordinator/Section 504 Coordinator:

1. Sexual Harassment/Hostile Environment on the basis of sex;
2. Americans with Disabilities Act compliance; and
3. Affirmative Action compliance

The following complaints, grievances or feedback are to be submitted to the Dean of Student Services:

1. Code of Conduct Complaints, including plagiarism;
2. Non-academic Complaints regarding unprofessional behavior;
3. Requests for 100% refunds. Students who are uncertain as to whom to address their complaints may direct them to the Dean of Student Services.

### **Procedures**

Students will not suffer any retaliation from filing a complaint against any area of the institution. All students should feel confident in that all concerns will be taken seriously and researched to determine all the facts of the situation. All complaints should be in writing, contain the date and approximate time, and location of the offenses, identify any witnesses to the offense, describe the offense in sufficient detail for the reviewer to launch his/her investigation, identify the redress sought by the student, filed within a reasonable amount of time of the event giving rise to the complaint, and directed to the persons identified above who are responsible for receiving and investigating certain categories of complaints. All complaints will cycle through the following process:

1. A student wishing to file a complaint must complete the Student Feedback form and requisite summary of complaint statement.
2. The student must then attach the summary to the completed Student Feedback form and submit to the Dean of Student Services via the Academic Advising office located on the 1st floor of B building.

3. The Dean of Student Services will then initiate an investigation into the situation, unless the complaint involves an allegation of Sexual Harassment/Hostile Environment on the basis of sex involving a member of the faculty or staff as the alleged harasser.
4. In cases involving an allegation of Sexual Harassment/Hostile Environment on the basis of sex involving a member of the faculty or staff as the alleged harasser, the Director of Human Resources or his/ her designee shall investigate the matter as set forth in the applicable Board Policies and consistent with relevant Collective Bargaining Agreements and institutional HR practices and assess the complaint as being (i) sustained (facts support a finding that the allegation is true), (ii) unfounded (facts support a finding that the allegation is not true), or (iii) not sustained (it cannot be determined whether the allegation is true, as there is insufficient and/or conflicting facts, thus the benefit of the doubt must be given to the wrong-doer), and issue a written decision regarding the complaint.
5. With respect to complaints investigated by the Dean of Student Services, once the investigation is complete, the complaint along with the Dean of Student Services assessment of the complaint as being (i) sustained (facts support a finding that the allegation is true), (ii) unfounded (facts support a finding that the allegation is not true), or (iii) not sustained (it cannot be determined whether the allegation is true, as there is insufficient and/or conflicting facts, thus the benefit of the doubt must be given to the wrongdoer), will be forwarded to an ad hoc committee selected by the Dean of Student Services for review and recommended action.
6. The committee will review the Dean of Student Services assessment of the complaint and recommend action on the complaint in writing to the Dean of Student Services.
7. The Dean of Student Services will consider the committee's recommendations and issue a decision on the complaint in writing to the student.
8. In matters investigated by the Dean of Student Services, the student should expect to receive a written response sent via the U.S. mails within 30 college- business days from the date the complaint was made and received, unless applicable law requires a shorter response time.

If the student seeks to appeal the decision of the committee, the student must submit, in writing, his/her desire to appeal and the basis of the appeal within ten (10) college business days of the mailing of the college's written response. Any appeal will be forwarded to the Provost, who will consider the same and render a final decision regarding the complaint.

## ACADEMIC LOAD AND CLASSIFICATION

The following outlines the status of a student based on the number of credit hours he/she is registered for:

**Full-time**—12 or more credit hours.

**Part-time**—Less than 12 credit hours.

A student may not enroll in more than 19 credit hours at one time (nine credit hours during the summer) without approval from an Student success coach. Students required to maintain a specific academic load to be eligible for various types of financial assistance or other programs should contact the Financial Aid Office for regulations regarding the necessary course load.

**First year or freshman**—A student who has earned 0 to 29 credit hours of credit.

**Second year or sophomore**—A student who has earned between 30 to 59 credit hours of credit.

# CREDIT HOUR POLICY

## **Morton College Credit Hour Definition:**

Morton College's assignment and award of credit hours to courses and programs conforms to commonly accepted practices in higher education and is in keeping with the federal definition of the credit hour. A credit hour at Morton College is the amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally- established equivalency that reasonably approximates either one hour (50 minutes) of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work each week for approximately fifteen weeks or one academic semester. Equivalent credit is awarded for classes taught in the traditional (face-to-face) and alternative formats, such as online or hybrid classes. Morton College also awards credit for the equivalent amount of work over a different amount of time, or at least an equivalent amount of work for other activities as established by the institution, and consistent with Illinois Community College Board (ICCB) policy, including laboratory work, internships, practica, studio work, and other academic work leading toward the award of credit hours. Morton College determines the appropriate awarding of academic credit across all programs in conformity with this policy, and in conformance with accepted practices in higher education.

# ASSESSMENT OF STUDENT LEARNING

The purpose of assessment is to improve curriculum, student learning and College services. Academic course assessment is based on a process in which faculty have identified objectives for specific courses and programs and employs a wide variety of measurements to determine that students are achieving educational goals. Academic general education assessment is used to verify that students are acquiring the academic foundations they will need to enhance their quality of life and become life-long learners. College services are assessed to ensure that those services are meeting the needs of learners.

# ENROLLMENT IN DEVELOPMENTAL COURSES

To help students achieve their educational goals, the College adheres to a policy of multiple measures which may include required placement testing and the fulfillment of developmental course(s) where applicable. All students who are degree-seeking, in a transfer track or enrolled in a certificate program requiring English or math course(s) must complete placement tests or meet alternate minimum standards. These alternate standards or multiple measures include minimum high school GPA, ACT or SAT scores, GED scores, or specific high school coursework completion with minimum grades. Based on the test results or alternate standards, students placing into developmental English or math courses must begin taking these courses within the first 12 credit hours of study at the College. Some registration restrictions may occur based on test results. For more information, see the Placement Testing section located in the Student Services chapter in this catalog or contact the Placement Testing Center at (708) 656-8000, Ext. 2358.

# GRADING POLICY

At the end of each semester, students can access grade reports online at Morton College's website (morton.edu). Only final grades are entered on a student's academic record and used in computing the student's GPA. Only 100-level courses and above are used to determine the GPA

| Grade Legend |           |              |  |       |                    |              |
|--------------|-----------|--------------|--|-------|--------------------|--------------|
| Grade        |           | Grade Points |  | Grade |                    | Grade Points |
| A            | Excellent | 4.00         |  | U     | Unsatisfactory     | 0.00         |
| B            | Good      | 3.00         |  | V     | Audit              | 0.00         |
| C            | Average   | 2.00         |  | I     | Incomplete         | 0.00         |
| D            | Poor      | 1.00         |  | N     | Course in Progress | 0.00         |
| F            | Failure   | 0.00         |  | W     | Withdrawal         | 0.00         |
| P            | Pass      | 0.00         |  |       |                    |              |

## GRADE-POINT AVERAGE (GPA)

GPA is used to determine eligibility for graduation, scholastic awards, athletics and other purposes. The GPA is determined by multiplying the number of credit hours attempted for each course by the grade points earned and then dividing the total by the number of credit hours attempted (quality points divided by quality hours). Computation of the grade average excludes credits earned by proficiency, for which no grade is earned; grades of "P," "U," "V" and "N" and grades earned at other institutions.

# CLASS ATTENDANCE

The attendance policy for each course is outlined in the course syllabus distributed by the instructor on the first day of class. Instructors may consider tardiness and absences as factors when determining student achievement. Students are responsible for making arrangements with their instructors to complete coursework missed due to absences.

## FINAL EXAM WEEK

Morton College has instituted Final Exam Week to allow adequate and structured time for students to demonstrate mastery of learning. The schedule for exam week is listed in the Academic Calendar for the year and in the Course Schedule for each semester.

# SEMESTER CALENDAR

Morton College is on the semester system with the academic year divided into 3 sessions, fall, spring and summer. Fall and spring semesters consist of 2, 16 week semesters. The summer semester consists of 5 or 8 week sessions.

# GRADE APPEAL PROCEDURE

Student grades as reported by faculty are considered final. In the event a student desires to appeal a grade, the following process will be followed:

- Within 10 school days of the grade being made available to the student portal the student must notify in writing via e-mail to the faculty member and copy (cc) the Department Chair and Academic Dean of their dispute with the posted grade. Students are solely responsible for replying to all correspondence on a timely basis.
- The student must initiate a discussion with the course instructor and try to reach an agreement with respect to the course grade.
- After discussion with the course instructor, if a student does not reach an agreement with the faculty member's decision, the student must appeal in writing to the appropriate academic dean within 5 additional school days.
- Subsequently, the dean will review the appeal and consult with the faculty member about the student's course grade.
- If the dean and faculty member cannot resolve the situation, the dean will convene, within 5 school days, a committee comprised of three full-time faculty members who will meet to discuss the dispute and reach an appropriate resolution.
- If the committee convened by the dean fails to reach a satisfactory resolution, then the faculty member or the student may, within 5 school days, appeal in writing to the Provost.
- The Provost will review the appeal and render a decision. The decision made by the Provost shall be deemed final."

# PRIOR LEARNING POLICY

The Prior Learning Policy allows students to translate knowledge and skills acquired outside the classroom into college credit. Students may be granted up to 30 credit hours in this program. Petitions for Prior Learning and requests for additional information are available at the Academic Advising Center and from the appropriate academic Dean. Prior Learning credit cannot be used to satisfy the Morton College academic residency requirement.

A maximum of 30 credit hours of credit earned through Prior Learning may be applied toward graduation requirements. All other graduation requirements also must be met. In accordance with state regulations, no grade receive through Prior Learning is recorded for course credit. The student's academic record will indicate only that credit has been established. The student is responsible for finding out if such credit will transfer to another college or university and if it will be applied to a specific degree or certificate program. Prior learning credit for those pursuing a transferable degree (ASD, AFA, ALS, and AA) can only be used to satisfy graduation requirements.

Transferability of prior learning credit is not guaranteed.

## PROFICIENCY EXAMINATION

Proficiency examinations are open to students who meet the requirements through previous course work, experience or a combination of both. Examinations may be taken in certain courses or programs upon petition by the student. Please note that not all courses are eligible for proficiency examination. Proficiency examinations may be taken only with the approval of the instructor and the appropriate academic Dean. Credit is given if the student passes a proficiency examination; however, no letter grade is given.

- Proficiency exams may not be taken to improve a grade, remove a failure or replace an incomplete.
- Proficiency exams may not be taken before the student is admitted to Morton College.
- Proficiency exams may not be taken more than once for a given course.
- Proficiency examinations must be completed in proper course sequence for each discipline. Once a student has received credit for a particular course, either through enrollment or proficiency, he/she may not apply or receive credit for a lower-level course in that sequence. For example, after receiving credit in OMT 250, one may not apply for proficiency credit in OMT 102.
- A maximum of 30 credit hours of credit earned through proficiency may be applied toward a degree for graduation requirements. Only one-third of the credit hours of credit required for a certificate program may be earned through proficiency.

## PORTFOLIO EVALUATION

A portfolio evaluation is another way of illustrating how experience correlates with course objectives. A portfolio evaluation requires the student to prepare a portfolio documenting relevant information on experiences and background and then have a conference with the appropriate faculty member. Examples of supporting documentation include professional licenses and certifications earned relevant to course objectives for which credit is sought. The instructor and the appropriate academic Dean will determine the student's eligibility for credit.

## COLLEGE LEVEL EXAMINATION AND ADVANCED PLACEMENT PROGRAMS

The College Level Examination Program (CLEP) is a national program that grants college credit through examination. Students who have taken a CLEP exam must submit an official examination report (in a sealed envelope from the College Entrance Examination Board (CEEB) to Morton College's Office of Registration and Records. Students should discuss the CLEP option with an Student success coach prior to registering for classes at Morton College. High school students who have taken an Advanced Placement (AP) Test conducted by CEEB may have their official test results sent to the Office of Registration and Records.

Official AP/CLEP scores will be evaluated to determine coursework equivalencies at Morton College. Students may earn up to 45 credit hours through AP. Students may not use AP/CLEP to improve a grade, remove a failure or replace an incomplete. All coursework equivalencies earned through AP/CLEP credit will be posted on the student's academic history on the student portal. Students are encouraged to meet with an Student success coach to learn how credits earned through AP/CLEP may be applied to a degree or certificate of completion.

Currently, the AP exams, course equivalences and credits awarded and accepted are evaluated on an individual basis by the appropriate academic dean. NOTE: Students transferring to other schools are advised to check with the transfer school to determine its policy toward credit by examination.

## **INTERNATIONAL BACCALAUREATE & ILLINOIS STATE SEAL OF BILITERACY**

Students can earn college credit through the International Baccalaureate (IB) program by submitting their IB transcript to the Office of Registration and Records for evaluation. Credit awarded for successful examination scores will be posted on the student academic record. The institution also recognizes the Illinois State Seal of Biliteracy and the Illinois State Biliteracy Commendation for high school students who have demonstrated proficiency in a foreign language. Students who have earned this recognition can earn college credit by submitting their official high school transcripts reflecting the Seal. Credit awarded will be posted on the student academic record upon receipt of official transcript.

## **MILITARY SERVICE CREDIT**

Military veterans who have served at least one year of active duty and have been honorably discharged are eligible for four credit hours of credit in physical education to be applied to their academic record. A copy of the DD214 (separation papers) must be on file with the Office of Registration and Records so this credit may be applied. Additional credit may be granted for military training and experience listed on Joint Services Transcripts (JST) for service members in the Army, Marine Corps, Navy and Coast Guard and on the Community College of the Air Force (CCAF) transcripts for service members of the Air Force. Official transcripts are to be sent electronically to the institution for evaluation. Students who have completed college level courses through the Defense Activity for Non-Traditional Education Support, the United States Army Fund or the American Council on Education should also submit official copies of their records for evaluation. Veteran students are strongly encouraged to consult with their Student success coach to discuss how their credits apply to their program of study.

## **RECEIPT OF CREDIT**

To receive credit, a student must meet the following criteria:

- A fee for each course must be paid when a student applies for a proficiency examination or portfolio evaluation. This fee covers the cost associated with taking the examination or being evaluated. The fee is not refunded to a student failing to qualify. In certain cases, the Illinois Veterans' Grant may pay the fees of Non-Traditional Learning credit. Veterans should consult the Director of Financial Aid.
- A student must be admitted and enrolled in courses at the institution in order to receive prior learning credit. Degree seeking students are required to complete fifteen (15) credit hours before prior learning credits are applied to the academic record. Conversely, students who are certificate seeking must earn  $\frac{1}{4}$  or 25% of the credit required of their certificate at the institution before prior learning credits are applied.

## TRANSCRIPTS

All students are encouraged to request their transcripts online. Morton College has authorized Parchment as the provider for the management, processing, and delivery of all transcripts.

### **Request for official transcripts can be made:**

#### **Online depending on student type:**

- › Currently enrolled students can log in to their Panther Portal and request official transcripts through Panther Central Self-Service Menu->Academic Profile-> Electronic Transcript Request.
- › Students whose last enrollment occurred within the past three (3) years can log in to their Panther Portal and request official transcripts through Panther Central Self-Service Menu-> Academic Profile-> Electronic Transcript Request.
- › Students who have been away from the college for more than 3 years can place their order for official transcripts through the Parchment Exchange.
- › Students who have earned credits prior to 1992 can place their request for official transcripts through the Parchment Exchange.
- › Transcript requests for students who enrolled prior to 1992 may take 3-5 business days for processing.

For more information about official transcripts, please contact the Office of Registration and Records by phone at (708)-656-8000, Ext. 2497 or via e-mail at [admissions@morton.edu](mailto:admissions@morton.edu).

## ELECTRONIC TRANSCRIPTS

It is the responsibility of the requestor to verify whether the recipient accepts electronic transcripts.

Requests can be made 24/7 via our secure site.

An email notification is available when transcripts have been processed and received.

To send additional documents with an electronic transcript, the documents must be uploaded during the transcript request.

**Note:** Unofficial transcripts are NOT available through the Parchment Exchange service. Students can print an unofficial transcript from their Panther Portal or request one at the Office of Registration and Records (valid Photo ID required).

### **Policy Release of Transcripts or Diplomas with Student Debt.**

The Office of Registration and Records is solely responsible for filling official transcript and diploma requests. When the Office of Registration and Records receives a diploma or a transcript request, the student's record will be reviewed for any transcript or diploma holds, whether financial or administrative. Typically, if a hold exists, the transcript or diploma will not be released, except if a student is requesting a transcript to be released to another college, university, employer or prospective employer or one of the armed forces of the United States.

However, if it is a financial hold, the student must contact the Cashiers Office and resolve the delinquency. For an administrative hold, the student may or may not be required to take action to remove the hold. If the hold is removed, the transcript or diploma can be released, and the student will be charged the appropriate fee. If the hold is not removed, the request will be canceled and the student will not be charged for the transcript/diploma request or be issued a refund if the payment has already been processed.

## **ACCIÓN AFIRMATIVA /IGUALDAD DE OPORTUNIDADES**

En cumplimiento de las leyes federales y las leyes del estado de Illinois, Morton College no discrimina por razón de raza, color, religión, origen nacional, sexo, orientación sexual, edad, estado civil o discapacidad en sus políticas de empleo, ingreso, o educación. Morton College es una institución educativa y empleador comprometido a un ambiente de trabajo y aprendizaje diverso, multi-cultural, y multi-étnico. Morton College también se ha comprometido a asegurar que los estudiantes con habilidades limitadas de inglés no encuentren obstáculos en el ingreso o la participación en programas educativos.

Cualquier pregunta se debe dirigir al Coordinador de la Sección 504/ Título IX, Ronald Lullo, Morton College, 3801 S. Central, Cicero, Illinois 60804, (708) 656-8000, extensión 2298. Los estudiantes deben también revisar el Procedimiento sobre el trámite de Quejas disponible en la página 47 de este catálogo.

## **AFFIRMATIVE ACTION AND EQUAL OPPORTUNITY POLICY**

In compliance with Illinois and Federal law, Morton College does not discriminate on the basis of race, color, religion, national origin, ancestry, gender, sexual orientation, age, marital status, veteran status or disability in its educational, admissions, or employment policies. Morton College is an educational institution and employer committed to a diverse multi-cultural, multi-ethnic learning and work environment. Morton College is also committed to ensuring that students with limited English-speaking skills will not encounter barriers in admission or when participating in educational programs. Individuals with questions regarding discrimination should contact the Section 504 Coordinator/Title IX, Morton College, 3801 S. Central Avenue, Cicero, Illinois 60804, (708) 656-8000, Ext. 2299. Students should also review the Student Complaint and Grievance Information as outlined on page 47 in this catalog.

## **DRUG AND ALCOHOL-FREE CAMPUS**

Morton College promotes and maintains a healthy, drug and alcohol free learning environment and workplace. The College complies with all federal, state and local laws and ordinances to which it is subject, including the Drug-Free Workplace Act of 1988 and the Drug Free Schools and Communities Act Amendments of 1989. Morton College prohibits the use, possession, distribution, dispensing and manufacturing of illicit drugs or alcohol on Campus property, including buildings, grounds, in College vehicles or any College-leased facility. Anyone on campus under the influence of drugs or alcohol is subject to appropriate sanctions consistent with local, state and federal laws, and may include incarceration and/or monetary fines.

Incidents involving students referred to the campus disciplinary system will follow the procedures outlined in this chapter. Incidents involving employees will be processed in accordance with applicable laws and labor-management agreements.

# **FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT**

## **CONFIDENTIALITY OF STUDENT RECORDS**

Morton College is in compliance with the Family Educational Rights and Privacy Act (FERPA) of 1974 and its amendments, and provides the following annual notice of rights accorded students under this law.

### **INFORMATION AVAILABLE FOR INSPECTION**

As outlined in FERPA, Morton College students have the right to inspect and review information contained in their official educational records within 30 days of the college receiving a request for access. Such records include information on academic grades, application for admission, college and secondary school transcripts, student placement, financial aid, and other materials. Students wishing to inspect their records should submit a written request to the Coordinator of Student Record Services in the Office of Registration and Records. The Office of Registration and Records will make arrangements for access and notify the student of the time and place where the records may be inspected. For other information, contact the Office of Registration and Records at (708) 656-8000, Ext. 2401.

### **INFORMATION UNAVAILABLE FOR INSPECTION**

As outlined by FERPA, students may not inspect or review the following:

- Financial information submitted by their parents.
- Confidential letters and recommendations associated with admissions, employment or job placement.
- Honors to which they have waived their rights of inspection and review.
- Educational records containing information about more than one student (in this example, the student may see only the part of the record pertaining to themselves). The College is not required to allow students to inspect or review confidential letters and recommendations placed in their files before January 1, 1975, if those letters were collected under established policies of confidentiality and used only for the purpose collected. In addition, students may not inspect or review student records kept by instructors or College staff that are in their sole possession and which are not accessible or have not been revealed to any individual, except a temporary substitute.
- Also, students may not review records maintained separately for on-campus law enforcement or employment, except for positions requiring student status and alumni records.

## **GUIDELINES FOR RELEASING INFORMATION TO OTHERS**

Morton College will not release to any individual or agency, nor permit them to access, the educational records of a student except directory information without the student's written consent. This restriction does not apply to:

- › Morton College administrators, faculty, staff or other school officials demonstrating a legitimate educational interest.
- › State and federal offices requiring specific institutional reports.
- › Agencies or officials presenting a judicial order or subpoena.
- › Persons needing to protect the health or safety of a student or other people in an emergency. Student directory information may be made public, at the discretion of the College, without the written consent of a student under the following conditions:
  - › The College must publicly announce its intention to make directory information available.
  - › The type of information it will disclose.
  - › The procedure a student can follow to deny in writing the right of the College to publish this information.

## **DIRECTORY INFORMATION**

Morton College defines directory information as a student's name, address, telephone number, dates of attendance, major, awards and degrees received. The College may disclose any of these items unless a student submits a written request to opt out of directory information disclosure to the Office of Registration and Records. Morton College will continue to honor any valid request to opt out of the disclosure of directory information made while a student was in attendance, unless the student rescinds the opt-out request.

## **PROCEDURES FOR AMENDING RECORDS**

If a student believes that information in their educational record is inaccurate or misleading, he/she may submit a written request for its amendment to the Office of Registration and Records. If the College does not approve the student's request to amend the educational records, the student will be notified within a reasonable amount of time of their right to request a hearing. If the outcome of this hearing is unsatisfactory to the student, he/she may then submit a written explanation stating their point of view. This will be made part of the educational record.

## **FERPA COMPLAINTS**

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by Morton College to comply with the requirements of FERPA. The name and address of the office that administers FERPA is:

### **Family Policy Compliance Office**

U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-5920

## **FREEDOM OF INFORMATION ACT**

Morton College acknowledges that the inspection and dissemination of public records must reflect an appropriate balance among the needs of the College for administrative purposes, the protection of the privacy of individuals and the legitimate interests of the public. To comply with the Freedom of Information Act, information concerning the College will be made available as required. Inquiries regarding this Act should be directed to the Office of the President.

## **CHRONIC COMMUNICABLE DISEASE POLICY\***

Morton College is dedicated to promoting and maintaining a healthy environment for students and employees. Consequently, the College places a high priority on the need to prevent the spread of chronic communicable diseases on campus. Chronic communicable diseases include those diseases and conditions which have been declared by the Center for Disease Control to be contagious, infectious, communicable and dangerous to the public health. The College is committed to educating students, employees and the community at large about chronic communicable diseases.

\* Because of possible changes in medical knowledge or legal requirements, the College reserves the right to modify this policy.

## **PREVENTATIVE MEASURES**

Laboratories used in a teaching context, such as those required in biology courses, should be safe experiences. Given the fact that the existence and identity of those with some chronic communicable diseases, such as Acquired Immune Deficiency Syndrome (AIDS), AIDS-Related Complex (ARC) or a positive Human Immunodeficiency Virus (HIV) antibody test, may not be known, procedures for the decontamination of environmental surfaces and objects soiled by blood or body fluids will be adopted and implemented. Laboratory courses requiring exposure to blood, such as finger pricks for blood typing or examination, will use disposable equipment. Lancets or other blood-letting devices will not be reused or shared.

No student will be required to obtain or process the blood of others in a laboratory used in a teaching context. Students or faculty in allied health programs required to obtain or process the blood of others in a clinical context, and campus personnel who may be exposed to blood or body fluids, such as those giving first aid, will follow the appropriate guidelines established by the Center for Disease Control.

## **SMOKE-FREE CAMPUS**

All buildings on the Morton College campus continue to be designated as non-smoking areas as well as the grounds, parking lots, and College vehicles. In accordance with the Smoke Free Illinois Act, 410 ILCS 82/1 et seq. (the "Act"), which prohibits smoking in any public place or any place of employment, smoking is prohibited at Morton College. No tobacco products may be sold or given out as complimentary items on Campus. The purpose of this No Smoking Policy is to provide a healthy, clean, and safe environment for all students, staff, and general public who use College facilities. This policy recognizes that smoking is a matter of individual choice that should not infringe on the rights and desires of other individuals.

Morton College Campus Police Officers may issue citations starting at \$50 for firsttime offenders, \$100 for second-time offenders and \$250 for each additional citation. In addition, the College may refer students who violate this Policy to the appropriate Dean for disciplinary procedures pursuant to the Student Handbook. College employees may be subject to discipline pursuant to the policies and procedures applicable to their employment. Violators will be disciplined through regular administrative channels within their division at the College. Questions or violations should be reported to the Campus Police Office.

## **CHILDREN ON CAMPUS**

For the safety of children on campus, children may not accompany students to class, tutoring or testing sessions. Also, children may not be left unattended on the campus grounds, whether in college buildings, extension centers or at any college event.

## **LOST, STOLEN OR DAMAGED ITEMS**

Morton College is not responsible for lost, stolen or damaged personal items.

## HOSTILE ENVIRONMENT/SEXUAL HARASSMENT (TITLE IX)

Morton College will not tolerate any behavior by administrators, faculty, staff or students which constitutes sexual harassment. For the purposes of this policy, sexual harassment will be defined as the following:

- unwelcome sexual advances,
- request for sexual favors, and/or
- other verbal or physical conduct or written communication of an intimidating, hostile or offensive sexual nature where
- ▶ submission to such conduct is made either explicitly or implicitly as term or condition of the student's status in a course program or activity;
- ▶ submission or rejection of such conduct by a student is used as a basis for academic or other decisions affecting a student; or
- ▶ such conduct has the purpose or effect of substantially interfering with a student's educational experience or creating a hostile or offensive academic environment.

Morton College complies with the law concerning United States Education Amendments of 1972, Public Law No. 92-318, 86 Stat. 235 (June 23, 1972), codified at 20 U.S.C. sections 1681 through 1688, which states:

No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving federal financial assistance. All faculty, staff, administrators, and students will be held accountable for compliance with these policies. Violations may lead to disciplinary action to include suspension or termination. Complaints should be filed with:

### **Murneka Davis | Title IX Coordinator**

3801 S. Central Avenue Cicero, IL 60804

(708) 656-8000, Ext. 2462, Office 204C

Murneka.Davis@morton.edu

## SEXUAL OFFENDER REGISTRATION

Pursuant to applicable state and federal laws pertaining to sex offender registration, sex offenders who by law must register with law enforcement officials and who are students and/or employees of Morton College must also register with the Morton College Campus Police Department. The Morton College Campus Police Department is a keeper of information regarding registered sex offenders who are Morton College students and/or employees. Please direct all inquiries regarding information about said registered sex offenders to the College Campus Police Department.

## MEDICAL MARIJUANA POLICY

Medical marijuana which is prescribed for healing purposes is prohibited at Morton Community College even though there may be state laws which permit its use. This policy shall prevent Morton Community College as a post-secondary education and restrict or prohibit the use of medical cannabis on its property.

## **CONCEALED CARRY POLICY**

Employees full and part time and volunteers of Morton College are prohibited from carrying a firearm or weapon while acting in the course and scope of their employment or duties, either on or off campus property, regardless of whether the employee has a license to carry a firearm or weapon. This prohibition does not apply to those employed as a law enforcement officer or peace officer or to those who have the written approval of the Executive Director of Operations to carry a firearm or weapon while on duty. This Policy applies to all employees, students, persons conducting business including individuals visiting the Morton College Campus as defined in this Policy. Visitors include, but are not limited to, prospective students, former students and their respective families.

No vehicle owned, leased, or otherwise under the control of Morton College may be used to store or carry a firearm or weapon, except as otherwise provided in this policy.

Any employee found to have carried a weapon or firearm onto the property of Morton College knowingly, or found to be carrying a weapon or firearm under circumstances in which the employee should have known that he or she was in possession of a weapon or firearm, may be subject to discipline up to and including, but not limited to, immediate termination of employment, subject to such other employment rules or regulations in place. Any individual found to have carried a weapon or firearm onto the property of Morton College knowingly, or found to be carrying a weapon or firearm under circumstances in which the individual should have known that he or she was in possession of a weapon or firearm, may be subject to administrative action by Morton College and possible arrest and prosecution. Violations of this Policy may result in referrals to external law enforcement agencies.

## **ANNUAL CRIME STATISTICS AND SECURITY REPORT**

Morton College is committed to informing the community of the obligations concerning crime and safety as required by the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act. To obtain a copy, please visit the Morton College Police Department, Building C, Room 119 or call (708) 656-8000 Ext. 2200 or [morton.edu](http://morton.edu).

## **DRUG AND ALCOHOL ABUSE PREVENTION PROGRAM**

The Drug-Free Schools and Campuses Regulations (345 CFR Part 86) of the Drug-Free Schools and Communities Act (DFSCA) requires Morton College to implement programs to prevent the abuse of alcohol and use or distribution of illicit drugs both by Morton College students and employees both on its premises and as part of any of its activities. An email notification is sent out to all students and employees on an annual basis as a reminder of these programs, policies and disciplinary procedures, consequences for violations(internal, federal, and state legal penalties), health risks, and prevention and treatment options. The Drug and Alcohol Prevention Program Annual Information document can be found on the college's website.

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## CAMPUS RESOURCES

Morton College provides a comprehensive program of student services, including educational planning, career advising, job placement assistance, financial assistance, veteran services, assistance for students with special needs and disabilities, student activities and intercollegiate athletics.

### ACADEMIC ADVISING

The Academic Advising Department is available to help students create a coursework plan that allows them to succeed at Morton College. Every new degree or certificate-seeking student should meet with a Student Success Coach. All Morton College students are assigned a Student Success Coach, based on the student's last name. All students will have the opportunity to maintain a consistent relationship from start to finish with their Student Success Coach as students are guided through a comprehensive pathway toward their academic goals and success. Academic Advising is a teaching and learning partnership between advisors and students designed to promote and support students as they explore opportunities. Through this partnership, Student Success Coaches will challenge students to develop autonomy and build skills necessary for success as they embark on a journey of academic, personal, and professional growth. Frequent contact with their Student Success Coach will help to ensure that students have current academic information and are making progress toward his/her educational goals. Student Success Coaches offer the following services:

- › **Educational Planning** — Student Success Coaches assist students with course selection, developing short and long-term schedules and choosing core and elective courses for transfer to four-year colleges and universities and students pursuing certificate and career degrees.
- › **Academic Information** — Student Success Coaches provide information on College policy, the College Catalog and refer students to appropriate campus facilities.
- › **Graduation Planning** — Student Success Coaches assist students with meeting graduation requirements. Students are encouraged to meet with their Student Success Coach for a pre-graduation audit one semester prior to the expected graduation date.
- › **College Representatives** – Throughout the year the college hosts individual visits from admission counselors, representing over 30 colleges and universities.

- › **College Fairs** – The College sponsors various college fairs each year, including the College Fair with over 60 colleges and universities, University Day, and the PICU Fair, which features private transfer institutions.
- › **College Campus Visits** – The College arranges visits to various universities across Illinois. Campus visits provide students the opportunity to connect with university representatives, current undergraduate students while experiencing the campus firsthand. Participation is free for Morton College students who are currently enrolled and in good academic standing.
- › **College Tours** – Become more familiar with Morton College by taking a campus tour. A tour of the college is a perfect way to learn your way around the campus, visit our state-of-the-art facilities and experience our friendly environment. Campus tours are available upon request. To schedule a tour, call (708) 656- 8000 ext. 2484 or email [recruiter@morton.edu](mailto:recruiter@morton.edu)
- › **Scholarship Information** – Students are provided with scholarship information offered by colleges, universities, and private agencies.
- › **Transfer Planning** - If you plan to transfer to another institution, start early by speaking with your Student Success Coach to better understand the transfer process. Visit our website for more information on Transfer Agreements.

## COUNSELING SERVICE

Morton College offers counseling services for currently enrolled students. One-on-one counseling is available for students who want to talk with someone about stress, anxiety, family issues, depression or any other educational or personal concerns they may be experiencing. All services are free of charge for enrolled Morton College students and all information is held confidential. While most information shared is confidential, there are a few exceptions due to existing laws. Counselors will go into more detail about these exceptions during the student's initial visit.

Counseling service is available by appointment, To schedule an appointment for Counseling Services please call 708-656-8000 ext. 2484.

## BOOKSTORE

The Morton College Bookstore is now the Morton College / Follett Virtual Bookstore. Some titles are available for rent or in a digital format. Students can also sell their used books to the store for cash back. Please visit [www.MortonShop.com](http://www.MortonShop.com) for more information. For questions with your order, the Virtual Bookstore Customer Service Team is available at <https://customersupportcenter.highered.follett.com/hc/en-us> or 800-381-5151.

## CAMPUS POLICE

The Campus Police Department is responsible for all law enforcement and emergency responses on campus. Campus emergencies can be reported by dialing Ext. 2200 or by using one of over 30 emergency phones located throughout the campus and parking lots. When off campus, please dial (708) 656-8000, Ext. 2200.

**Medical Emergencies** — The Campus Police office handles medical emergencies and provides first aid assistance. Any student or staff member needing first aid should contact this office immediately. If further medical attention is required, Campus Police will arrange transfer to a hospital.

If you require assistance in the event of an emergency evacuation, you must notify the Morton College Campus Police department (located in Building C) of your request by providing Campus Police personnel with your name, the nature of assistance requested, and class schedule (including all changes thereto). Such notice must be provided prior to the start of each semester you attend Morton College. If, on a temporary basis, you require assistance in the event of an emergency evacuation, you must also notify the Morton College Campus Police department of your request by providing Campus Police personnel with your name, the nature of assistance requested, and class schedule (including all changes thereto). Such notice must be provided as soon as possible after your need for assistance arises.

**Parking Regulations** — The “E” lot is for employee parking and you must have a Morton College parking permit to park in this lot. All students and visitors can use the “A” lot to park without a permit. Campus Police does enforce this rule and a citation may be issued to vehicles parked illegally. Please view the Campus Police website for more information regarding these parking lots and fines. Morton College is not responsible for the theft or damage of any vehicle. Vehicle accidents that occur on campus must be reported to Campus Police. Bicycle parking is restricted to racks on the north side of Building D and in front of Building A. Bicycles should be secured to these racks with a chain and lock. Motorcycle parking is restricted to the south side of Building E as posted.

## **CAREER SERVICES OFFICE**

The Career Service Office offers a variety of resources designed to help students make informed career choices and develop career plans. Services include:

- › Career/Major Exploration
- › Resume/Cover letter writing assistance
- › Online Job board access
- › Professional Attire Fund Program
- › Workforce Innovation and Opportunity Act (WIOA) Fund Program
- › Annual Volunteer/Resource and Job Fair
- › Professional development workshops

## **PRESCHOOL**

Morton College students, employees, and families in the community with children between the ages 3 to 5 may enroll them in the Preschool-for-All Center (subject to availability). This service is free of charge and available on weekdays during the fall and spring semesters. There are two morning and two afternoon sessions, two and a half hours each, as parents can only select one of them. The preschool is funded through ISBE and is recognized as a member of the “Gold Circle of Excellence” in Excelsior, Illinois. Gold Circle programs meet or exceed specific quality benchmarks on learning environment, instructional quality, and all program administrative standards; group size and staff/child ratios; staff qualifications; and professional development.

## FOOD SERVICE

Food service at Morton College is provided by Paisans. During the fall and spring semesters when the College is in session, hours are from 7:30 a.m. to 7 p.m. Monday to Thursday and 8 a.m. to 2 p.m. Friday. The kitchen closes at 6 p.m. Monday to Thursday.

Summer session hours are from 9 a.m. to 1 p.m. Monday to Thursday. Hours may vary when the College is open and classes are not in session.

Vending machines are available in the Student Commons, which is located on the first floor of Building C.

## STUDENT IDENTIFICATION CARDS

Morton College students are required to have a photo identification card to use certain campus facilities such as the Library and the Tutoring Center. Your student ID will grant you access to campus events and activities as well as provide you with student discounted tickets and a student rate at the Morton College Fitness Center.

### How to Get Your ID

Introducing Virtual IDs!

Effective January 2025, Morton College is transitioning into a virtual mobile device-based student ID to replace the traditional physical ID cards. The app introduces a new way to access on-campus resources, event check-in and virtual student credentials all accessible at students' fingertips!

Students can add their campus ID to their mobile devices through TouchNet's 360U mobile app. For support with accessing the virtual ID or to take your ID photo, stop by the Student Union.

### Physical IDs

The option for a physical ID is still available for students in the Adult Education, Physical Therapy, Paramedic and Nursing program at Morton College. All other students will be encouraged to use the virtual ID.

Getting your physical Morton College Student ID is easy – all you need to do is present acceptable identification and have your picture taken in the Student Union located on the first floor of Building C past the One Stop Center. Remember to keep your student ID with you at all times. Do not discard your Student ID after the semester ends - you will need it throughout your time at Morton College.

Your first ID is at no charge. If lost, it can be replaced for a \$10.00 fee. Stop by the Student Union for updated ID hours.

**Questions?** Contact the Student Activities at

(708) 656-8000, Ext.2262 or [student.activities@morton.edu](mailto:student.activities@morton.edu).

# LIBRARY

The Morton College Library's mission is to be an exemplary academic library that supports the educational goals and meet the college mission. The Library is dedicated to providing instruction and access to resources and services that support the academic program and the general information needs, intellectual development, and professional growth of the entire college community. The Library is located on the 2nd Floor of the B Building, above the One Stop Center.

- › **Materials** - The Library's collection includes over 7,000 books, 43 periodicals, access to over 90 databases which include ebooks, streaming services, and digital magazines/periodicals. Many of the databases are subject based and provide students with full text options to meet their research needs. Visit the Library's website: <https://www.morton.edu/mclibrary>, to access the Library's expanded digital resources. The online catalog provides users a single search point to all of the Library's resources and gives an easy look-up of different library materials. The Library also has a non-traditional collection, "The Library of Things", that gives students access to items like: digital cameras, hotspots, art boxes, nursing equipment, full size skeletons, and other things.
- › **Services** - Library users can visit The Circulation Desk for all their information needs. The staff provides reference, circulation, and other services from one desk. Reference librarians help students navigate the library's rich collection of online and print sources. Librarians also provide information literacy instruction detailing how to find, evaluate, and cite sources for college projects. Morton College Library is a member of CARLI, the Consortium of Academic and Research Libraries in Illinois. The online library catalog I-Share, offers materials from over 100 academic libraries throughout Illinois. Students are able to also request materials from other academic institutions through I-Share.
- › **Technology Assistance** – The Library has both PC and Macintosh hardware. The library staff assists students with their technology questions. Our staff provides assistance with questions about MS Office and Apple office applications, other online software, e-mail, printing, and copying. The Library is also a point of contact for questions relating to the virtual bookstore. Students can talk to the library staff to get answers to questions they may have about gaining access to their course materials as well as ordering their books.
- › **Study space** – The library is a quiet space for students. We are equipped with 8 group study rooms for groups of up to 4 students per room. The rooms come equipped with a large monitor and Apple TV's students can use to connect their devices to assist with their studies.
- › **Library Cards:** A Morton College ID serves as their Library card. Current Morton College IDs must be presented to borrow materials from the Library. (Student ID's are currently issued by Student Activities located on the first floor of Building B.)

## Library Hours:

Please check the Morton College Library website for current hours:

<https://www.morton.edu/mclibrary>

For further information regarding Library services or to schedule tours and instruction please call 708-656-8000 extension 2321 or email [reference@morton.edu](mailto:reference@morton.edu).

## NEW STUDENT ORIENTATION

New Student Orientation (NSO) is an essential step in beginning your educational journey at Morton College. It will prepare you to be a successful student during your degree completion. Students can begin Part I of orientation after the succession of the placement exam. New Student Orientation Part II will be held on campus for all semester seeking students. New Student Orientation is mandatory for all new students. Students can obtain more information and reserve their seat by calling (708) 656-8000, Ext. 2484 or stopping by the front desk of the One Stop Center.

### NSO Part I

New Student Orientation can be completed at the convenience of the student online, only after students have successfully taken the placement exam for both English and Math at Morton College. The online orientation should take approximately one hour long, and includes quizzes after each module and will allow you to save your space if you need to return to it at another time.

### NSO Part II

You will not want to miss all the fun New Student Orientation Part II has to offer! New Student Orientation Part II will include a guest speaker, music, raffles, giveaways, meet with faculty and have lunch with current students. Part II will take approximately three hours on campus.

## PLACEMENT TESTING CENTER

The Placement Testing Center administers placement tests in English and math to measure current skills. Students may be required to complete placement testing if they do not satisfy any of the minimum standards for the multiple placement methods available. This applies to students who are:

- › Enrolling in an English composition course
- › Enrolling in a math course
- › Pursuing a degree or certificate program requiring English or math course(s)

English and math course placements are available through multiple methods allowing a student to potentially bypass the placement test process. The alternate methods can include minimum high school GPA, ACT or SAT scores, GED scores, appropriate high school coursework with minimum grade performance or consent of the instructor. Students who do not meet any of the minimum standards of these multiple methods would be required to complete the ACCUPLACER placement exam to determine course eligibility. Test scores do have an expiration date from the time of administration. Please check with your Student Success Coach for current alternate placement methods, minimum requirements and test score expirations.

Before testing at MC, students must fill out the College's online application and be assigned a student ID number. Students are given two tests attempts to determine a best placement. Students who have begun their developmental course sequence and who have been enrolled in those developmental courses within the past two years are ineligible for retesting. For testing appointments, stop by the One Stop Center, first floor, Building B or call 708-656-8000, Extension 2484.

ACCUPLACER review materials and study resources are available from the One Stop Center and through our website - [www.morton.edu](http://www.morton.edu)

In an effort to provide the most appropriate English and math placements, the College will periodically review the current assessment exam and course placement criteria. Morton College reserves the right to adjust these criteria at any time. In the event of changes, students currently enrolled in English or math course sequences will be allowed to complete those sequences. However, students who have not started their course sequence will be held to the criteria that are in effect at the time of their registration.

## STUDENTS WITH SPECIAL NEEDS

Students seeking accommodations will need to complete the following:

- › Complete and return the Request for Accommodation form (can be found on the website: [www.morton.edu](http://www.morton.edu) or at the front desk of the One Stop Center).
- › Provide appropriate supporting documentation stating a diagnosis and how the student is impacted in an educational setting. Please note documentation older than three years may not be accepted. Examples of appropriate documentation include:
- › Individual Educational Plan
- › Psychological or Neuropsychological Evaluation
- › Medical documentation stating diagnosis and functional limitations
- › Psycho-Educational Assessment (must include test results, diagnosis, and suggested accommodations).

### Section 504 of the Rehabilitation Act of 1973

"No otherwise qualified individual with a disability in the United States... shall, solely by reason of his or her disability, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

### Title II of the Americans with Disabilities Act

"Subject to the provisions of this title, no qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, program, or activities of a public entity, or be subjected to discrimination by such an entity."

### Definition of Disability

The law defines a person with a disability as someone who has a physical or mental impairment that substantially limits one or more major life activities. The definition further indicates that you are a "person with a disability" and entitled to protection from discrimination if you have a disability, if you have a history of a disability, or if you are regarded as having a disability.

An "otherwise qualified" disabled individual is defined as one who with an auxiliary aid (e.g., tape recorder, text-on-tape, note taker) or reasonable accommodation (e.g., test proctoring, extended time for testing, sign language interpreter) can meet the academic requirements that an institution can demonstrate essential to its education program.

**At Morton College:**

Students who self-identify with a learning, physical, medical, behavioral and/or short term disability may receive accommodations when the following steps are followed and completed in accordance with the deadlines set.

Students seeking accommodations will need to complete the following:

- Complete and return the Request for Accommodation form (can be found on the website [www.morton.edu](http://www.morton.edu) or at the front desk of the Advising department).
- Provide appropriate supporting documentation stating a diagnosis. The following documentation will be accepted:
  - ▶ Individual Educational Plan
  - ▶ Neuropsychological Evaluation
  - ▶ Medical documentation stating a diagnosis and medication student taking (if any).
  - ▶ Psycho-Educational Assessment
    - Must include test results, diagnosis and suggested accommodations.

For additional information or to set up an appointment with the Coordinator of Student Accommodations, please contact: (708) 656-8000 ext. 2250 or email [accommodationservices@morton.edu](mailto:accommodationservices@morton.edu)

**Deaf and Hard of Hearing Students at Morton College:**

Morton College will provide interpreting services for college students enrolled in academic related activities and courses. Students must complete the Request for Accommodation form and meet with the Coordinator of Student Accommodations to confirm their schedule 3 weeks prior to the start of each semester. Requests and schedule changes submitted less than three weeks prior to the first day of class may delay services.

**Interpreters will be provided for the following:**

Interpreters will be provided for the following events and activities. The student is responsible for submitting a formal request with advance notice.

- Classes, field trips, study groups, required attendance at special events, meetings with advisors or professors, tutorials, etc.
- Events sponsored by chartered student organizations - This includes programs, concerts, workshops, induction or recognition ceremonies, meetings, etc.
- Special events sponsored by colleges or departments within the university including conferences, guest lecturers, special performances, recognition ceremonies, celebrations, etc.

**Personal Attendant Policy**

Personal Care Attendants are individuals who are hired to assist a person with personal needs of daily living such as eating, toileting, handling school supplies, etc. If a student needs a Personal Care Assistant, it is the student's responsibility to recruit, interview, hire, train, pay, etc.

### **Personal Attendants at Morton College:**

- › Will be restricted to the personal care needs for which he/she was hired.
- › Are allowed to assist the student with preparing for class such as finding their seat and getting materials out for use.
- › Are allowed to assist the student with putting their supplies and materials away and exiting the room at the end of class.
- › Are not allowed to remain in the classroom once the class begins.
- › May wait for the student in the hall near the classroom. If you are a Department of Human Services client, check with your counselor to see if you are eligible for financial assistance with PCA expenses.

### **Medical Emergencies at Morton College**

All students and staff experiencing a medical emergency will be assisted by Campus Police. If a student or staff member needs hospitalization our Districts First Responders transport patients to MacNeal Hospital Emergency Department.

### **Service Animal Policy**

Morton College is committed to providing equal access to all students with disabilities in accordance with the Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973 and the Illinois Human Rights Act. This policy outlines Morton College's guidelines regarding service animals on campus.

Under the ADA, a service animal is defined as a dog or, in limited circumstances, a miniature horse that has been individually trained to do work or perform tasks for an individual with a disability.

Emotional support animals, comfort animals, and therapy animals are not service animals under the ADA and are not permitted on campus. While these animals may provide emotional benefits, they have not been trained to perform specific tasks related to a disability and therefore do not qualify as service animals.

### **Permissive Inquiries**

When it is not readily apparent that an animal is a service animal, College personnel may ask only the following two questions:

1. Is the animal required because of a disability?
2. What work or task has the animal been trained to perform?

If the disability or trained task is not readily apparent and an individual declines to respond to the permissible inquiries outlined above, the College may deny access to the animal. The individual will not be denied access to programs, services, or activities without the animal. College personnel will not request documentation, require certification or identification cards, require proof of training, or inquire about the nature or extent of an individual's disability. Service animals are not required to wear a vest, tag, or other identifying equipment.

## **Student Responsibilities:**

- › The service animal must be on a leash and under control at all times, unless the handler's disability prevents the use of a leash or harness, in which case the animal must be under the handler's voice or signal control.
- › Service animals that are unruly or disruptive (such as barking, running without a leash, showing aggression, or otherwise drawing unnecessary attention) will not be permitted on campus. A service animal may be removed from College property if the animal is out of control and the handler does not take effective action to control it, or if the animal is not housebroken.
- › The care and supervision of the service animal is the sole responsibility of the owner/handler.
- › The owner/handler is responsible for cleaning up after the service animal and properly disposing of waste. Individuals who are unable to do so must arrange for assistance. Morton College is not responsible for cleaning animal waste.
- › The owner/handler must ensure the service animal does not pose a direct threat to the health or safety of others. A direct threat determination will be based on an individualized assessment using current medical knowledge or the best available objective evidence.
- › Students who utilize a service animal on campus are strongly encouraged to contact the Office of Student Accommodations in order to:
  - Facilitate appropriate accommodations
  - Address any access concerns
  - Resolve potential conflicts

## **Areas of Restriction**

Service animals may be restricted from specific areas of the College where their presence would fundamentally alter the nature of a program or activity or create a legitimate safety requirement necessary for safe operation. Such areas may include but are not limited to certain laboratories, clinical environments, food preparation areas, or other spaces governed by health and safety standards.

If a service animal is properly excluded, the individual will be permitted to continue participating in the program, service, or activity without the animal.

For questions or concerns regarding this policy, or to request disability-related accommodations, please contact the Office of Student Accommodations.

## **Office of Student Accommodations**

Kara Kennedy, Accommodations Coordinator  
One Stop Center – 145 B  
708-656-8000, Ext. 2433  
kara.kennedy@morton.edu

# STUDENT ACTIVITIES

Attending Morton College (MC) is more than just going to class. Getting involved in campus activities enhances your college experience! Join any of the following clubs or organizations that appeal to your interest:

## **Association of Latino Professionals for America (ALPFA)**

ALPFA is a non-profit organization dedicated to empowering Latino students and professionals through enhanced career opportunities. Join ALPFA for networking events, professional development, and leadership growth to build your future! Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Anime Gamers Union (AGU)**

AGU is open to students interested in Anime (Japanese Animation) as well as electronic gaming, board games and Role Playing Games (RPG's). They also sponsor gaming tournaments and film festivals, and attend the "Anime Central" Convention in May each year. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Art + Design Club**

Art + Design Club is perfect for all students who enjoy and have a passion for art. Students are able to extend their creativity through various opportunities. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Broadway Club**

The Broadway Club is open to all students who enjoy acting and singing in plays, original productions and performances. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Campus Activity Board (CAB)**

CAB is a student programming board that creates and produces many campus activities and events. The group provides a wide variety of entertainment, cultural, educational and recreational activities for the Morton College community. They also attend leadership conferences throughout the United States. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Nursing Club**

This club promotes educational and social activities for nursing students. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Phi Theta Kappa Honor Society**

Theta Omicron is the Morton College Chapter of this international honor society. The international website is [www.ptk.org](http://www.ptk.org). Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Physical Therapist Assistants Club (PTA)**

The PTA Club stresses social and educational activities for students in the Physical Therapist Assistant program. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Society of Hispanic Professional Engineers (SHPE)**

SHPE changes lives by empowering the Hispanic community to realize its fullest potential and to impact the world in STEM awareness, access, support and development. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Speech and Debate**

The Speech and Debate program is designed to cultivate students' communication, public speaking, and argumentation skills. Participants immerse themselves in various activities, including Persuasive Speaking, Public Debate, and Oral Interpretation, thereby refining their abilities to articulate ideas, analyze information, and communicate effectively. The overarching goal of the program is to nurture critical thinking, research skills, and confidence in public communication.

## **STEM Club**

The STEM Club provides educational and social activities for students interested in the natural sciences. The club creates a comfortable environment in which students and faculty grow in their knowledge of the sciences through sharing of ideas within the college and in the community. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

## **Student Government Association (SGA)**

The SGA strives to represent the academic and social issues of the students within the college community. SGA strives to promote diversity, unity, respect, responsibility and the opportunity for personal development outside the classroom. Contact email: [student.activities@morton.edu](mailto:student.activities@morton.edu)

**Can't find what you are looking for?** – You can start your own club or organization that represents your interests as a student. Stop by the Student Union, 1st floor, building B to learn more.

\*Inactive clubs/organizations. Looking for passionate students to revive the club/organization.

For more information on campus clubs and organizations, contact the Student Activities Office at (708) 656-8000, Ext. 2262 or [student.activities@morton.edu](mailto:student.activities@morton.edu).

# **TUTORING SERVICES**

The Tutoring Center (241C), Extension 2465, offers free tutoring to all currently enrolled Morton College students.

Professional tutors are available to help you with writing, math, chemistry, biology, physics, engineering, anatomy and physiology, and nursing.

Tutoring is available by appointments and walk-ins. Tutoring is also available for Adult Education students through Project Care, Building C, Room 245, Extension 2383.

# **EMPLOYMENT OPPORTUNITIES**

## **ON-CAMPUS EMPLOYMENT**

The Human Resources Office, located on the second floor of Building B, assists students interested in working part-time on campus. Student Aide applications are available online at [careers.morton.edu](http://careers.morton.edu).

The Human Resources Office posts permanent part-time and full-time employment opportunities for students, as well as others who meet requirements. For more information, contact Human Resources at (708)656-8000, Ext. 2416, or at [www.morton.edu/employment](http://www.morton.edu/employment).

## **OFF-CAMPUS EMPLOYMENT**

The Career Service Office posts job notices on the College Central Network Online Job Board site. Free access can be found on the Morton College website under Career Services. For more information or assistance, contact the office at (708) 656-8000 ext. 2157.

# FITNESS CENTER

## PARTICIPATION OPTIONS

The Fitness Center is open to anyone who enrolls in any of the physical education courses listed below for credit or noncredit. Most physical activity programs are offered on an “open lab” basis and enrollees can workout whenever the Fitness Center is open.

### Credit Options

Individuals may enroll in one of our following Physical Education Activity Classes. First-time enrollees will start in PEC 171 Physical Fitness and then may progress through the other courses in the series:

- PEC 171 Physical Fitness
- PEC 172 Advanced Physical Fitness
- PEC 173 Weight Training
- PEC 174 Advanced Weight Training
- PEC 175 Circuit Training
- PEC 176 Advanced Circuit Training

Each of these one-credit hour courses are based on the completion of physical activity hours, a health/fitness evaluation and a midterm exam. Students must also attend a mandatory orientation session during the first week of each course start date (see “Getting Started” for details).

### Noncredit Options

Individuals may enroll in one of our Fitness Membership options (FIT 075) offered through our community education program. After completing a mandatory orientation session, the Fitness Center may be used for personal use as often as desired during our open hours (see “Getting Started” for details).

### Getting Started

Before starting, all students (credit and non-credit) must attend an orientation session in the Fitness Center (Room 116 E) during the first week of each course start date. During the orientation, members will be acquainted with our facilities and provided an explanation of course requirements and Center policies and they will complete a health questionnaire and have their blood pressure evaluated. Credit-seeking students in PEC 171 will also have their fitness levels assessed during their orientation and therefore should come dressed for activity in workout clothes and gym shoes. Details of these specific orientation times and dates can be found in the Course Schedule. Students should stop by or call (708) 656-8000, Ext. 2274 to sign up for an available time slot.

## Location and Hours

The Fitness Center is located in the Henry J. Vais Gymnasium, Building E (Room 116E).

### Hours of Operation

Monday through Thursday 7 a.m. to 8 p.m.

Friday 7 a.m. to 5 p.m.

Saturday 9 a.m. to 2 p.m.

Sunday CLOSED

\*Please note that we will be closed Friday through Sunday in the summer and there will be special hours for holidays.

# STUDENT ACHIEVEMENTS

## PHI THETA KAPPA

Phi Theta Kappa has recognized academic excellence of students attending two-year colleges since 1918, and has become the largest and most prestigious honor society serving two-year institutions around the world. Morton College's chapter is called Theta Omicron.

Membership is based primarily on academic achievement. Members are able to transfer membership from other participating colleges. Invitation is open to all Morton College students who:

- › Are enrolled full- or part-time at Morton College.
- › Have completed at least 12 hours of course work leading to an associate's degree.
- › Have an overall grade-point average of 3.0.

### Benefits of membership:

- › Leadership skills development
- › Scholarship opportunities
- › Membership pin, certificate
- › Recommendation letters
- › Transcript / diploma seal
- › Graduation ceremony recognition

For more information, contact Student Activities at (708) 656-8000 ext.2419 or visit [www.ptk.org](http://www.ptk.org)

# ATHLETIC PROGRAMS

## ATHLETIC HONORS

**The Robert H. Hack Award** is given to the outstanding male and female freshman student athletes in memory of Robert H. Hack. Selections are made by the Athletic Awards Committee.

**The Academic Athlete Awards** are given to the sophomore male and female student athletes who have earned the highest cumulative grade-point average and have demonstrated both scholastic achievement and athletic ability.

**The Robert P. Slivovsky Award** is given to the most valuable male and female sophomore student athletes in memory of Robert P. Slivovsky. Selections are made by the Athletic Awards Committee.

## INTERCOLLEGIATE ATHLETICS

Morton College's athletic program provides student-athletes with experienced coaches, quality instruction, state-of-the-art facilities, participation in intercollegiate athletics, challenging competition, travel and an opportunity to earn athletic scholarships. Morton College offers the following intercollegiate sports:

### Men:

- › Baseball
- › Basketball
- › Cross Country
- › Soccer

**Women:**

- › Basketball
- › Cross Country
- › Soccer
- › Softball
- › Volleyball

The National Junior College Athletic Association governs a student-athlete's eligibility for athletic participation. More information is available by contacting the Intercollegiate Athletic Department at (708) 656-8000, Ext. 2371 or at [www.gomcpanthers.com](http://www.gomcpanthers.com)

**NATIONAL, REGIONAL AND CONFERENCE AFFILIATION**

Morton College is a proud member of the National Junior College Athletic Association, Region IV and the Illinois Skyway Collegiate Conference. The Illinois Skyway Conference, a pioneer among community college conferences, is considered to be one of the most competitive conferences in the Midwest. It consists of eight community colleges, offering competition not only in intercollegiate athletics but also in academic events including Art, Jazz, S.T.E.M. and Writers' Fest. Conference members also compete for the All-Sports Award. For more information about the conference, visit [www.skywayconference.com](http://www.skywayconference.com).

**MORTON COLLEGE ATHLETIC ASSOCIATION**

The Morton College Athletic Association (M.C.A.A.) supports the athletic department in promoting high-quality athletic programs by providing additional funding for scholarships. Membership consists of athletes, parents, coaches, college staff, alumni and friends of the College. More information is available by contacting the Intercollegiate Athletic Department at (708) 656-8000, Ext. 2371 or at [www.gomcpanthers.com](http://www.gomcpanthers.com)

## ADULT EDUCATION

Adult Education at Morton College includes the following programs:

- ESL (English as a Second Language);
- High School Equivalency Certificate (HSEC) preparation;
- Project CARE, volunteer tutoring program for adult learners
- Transition to College and/or Career

This programming consists primarily of courses that teach English in the context of real-life situations, including civics instruction related to the democratic process, community resources, the U.S. school system, housing, health and wellness, employment, and consumer economics.

Other ESL programming contains courses that focus primarily on conversation or writing. Periodically, citizenship courses and workshops are offered as well. ESL courses are leveled, and student placement is determined by a placement test, which is required before a student can enroll in ESL courses.

For more information about ESL course enrollment or placement testing, please contact the Adult Department Office at 708-656-8000, ext. 2373 or 2374.

## HSEC PROGRAMS

The State of Illinois now offers three test series for students to earn the High School Equivalency Certificate. They are the GED®, HiSet and the TASC. Morton College offers courses that help prepare students for these tests. Placement testing determines the student's educational needs, and enrollment in preparation classes is based on the placement test results. These courses are leveled and range from beginning reading or mathematics to intensive test preparation. As part of this coursework, the department offers i-Pathways, which is web-based test preparation coursework. In order to enroll in HSEC preparation courses, a student must be 18 years of age or older. If a student is 16 or 17, an official letter of separation from the student's resident high school must be presented at the time of enrollment; this letter must be provided, even if the student has never attended that school. For more information about HSEC preparation course enrollment or placement testing, please contact the AECPO Department Office at 708-656-8000, ext. 2373 or 2374.

## ESL AND HSEC SUPPORT SERVICES

Students enrolled in ESL and HSEC courses have many support services available to them, including a dedicated computer lab with educational software, referral services to community resources and agencies, reasonable accommodations for students with disabilities, and tutoring. Students will learn more about these and other support services when they attend orientation before they enroll in classes.

## COST

Morton College receives state and federal funding which allows the department to offer most of these courses for free, or at a minimal cost.

## **COURSE SITES**

Courses are offered at various educational and community locations in the Morton College district. Off-campus locations do not always offer all levels or all programs. Specific class locations and meeting times are available at registration.

## **PROJECT CARE**

This is an adult volunteer tutoring program for adults who want to improve their reading or math skills, or adults who want to learn English. The program is free, and it is not necessary to be enrolled in an HSEC or ESL course to request a tutor.

The tutors are adult volunteers who receive specialized and on-going training. A placement test is necessary to be matched with a tutor. For more information about Project CARE, call 708-656-8000, ext. 2373 or 2374 or e-mail at [project.care@morton.edu](mailto:project.care@morton.edu).

## **BRIDGE PROGRAMMING**

Bridge to Healthcare Careers (BHC) is a course that runs in the fall and spring semesters and is offered free of charge. The course consists of two 8-week modules that focus on medical vocabulary, career exploration and preparation for credit level courses including the Nursing Assistant and Medical Terminology courses. The BHC is open to both HSEC and ESL students who have a TABE (Test of Adult Basic Education) Reading score of 7.0 or higher.

### **ICAPS (Integrated Career and Academic Preparation System)**

Adult Ed in partnership with Morton's Automotive Department, offers the HSEC + MLR (Maintenance and Light Repair) Certificate ICAPS program in the fall and spring semesters. The MLR Certificate is a 16-credit certification program. Financial assistance is available for students who qualify. Students enroll in three courses: (1) credit courses co-taught by an Automotive Department instructor and an Adult Education instructor, (2) HSEC courses and (3) a support class offered by Adult Education. ICAPS students are expected to complete their HSEC prior to finishing their MLR Certificate.

## **CREDIT CONNECT PROGRAM**

ESL and HSEC students have the opportunity to take a credit course free of charge concurrently with their adult education course. In collaboration with the Career Technical Education (CTE) Department, qualified students can choose from a select list of credit courses. Students must apply to participate in Credit Connect with their Transition Coach, and meet the test score requirements. Tutors and regular meetings with the Transition Coach will provide support for students enrolled in the program.

# ADULT EDUCATION COURSES

## ENGLISH LANGUAGE ACQUISITION (ELA)

### **ESL 010      ESL BEGINNING LITERACY I      1-6 CREDITS**

ESL Beginning Literacy I is intended for students in NRS functioning level 1. The course focuses on English literacy skills and performing basic communicative tasks. Course topics include, recognizing letters and numbers, reading signs and addresses, using basic greetings and expressions, and relating personal information.

### **ESL 012      ESL BEGINNING LITERACY II      1-6 CREDITS**

ESL Beginning Literacy II is intended for students in NRS functioning level 1. The course focuses on English literacy skills and performing basic communicative tasks. Course topics include, reading and writing simple sentences, interpreting symbols, demonstrating understanding of basic life skills.

### **ESL 020      ESL BEGINNER I      1-6 CREDITS**

ESL Beginner I is intended for students in NRS functioning level 2. The course focuses on beginning communicative skills in English. Students in ESL020 will practice writing connected prose, speaking with awareness of grammar, and basic workplace communication skills. Course topics include identifying and using numbers, providing personal information, participating in social interactions, understanding sound / letter relationships, and writing simple sentences.

### **ESL 022      ESL BEGINNER II      1-3 CREDITS**

ESL Beginner II is intended for students in NRS functioning level 2. The course focuses on beginning communicative skills in English. Students in ESL022 will continue to practice writing connected prose, speaking with awareness of grammar, and basic workplace communication skills. Course topics include identifying community services, using technology, health and fitness, and exploring educational and employment goals.

### **ESL 030      ESL HIGH BEGINNER I      1-3 CREDITS**

ESL High Beginner I is intended for students in NRS functioning level 3. The course focuses on beginning communicative skills in English. Students in ESL030 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may include making and interpreting schedules, shopping, nutrition, and housing.

### **ESL 032      ESL HIGH BEGINNER II      1-3 CREDITS**

ESL High Beginner II is intended for students in NRS functioning level 3. The course provides continued practice in beginning English communicative skills. Students in ESL032 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may include community resources, health, workplace communication, and life goals.

### **ESL 035      BEGINNING CONVERSATIONAL PRACTICE      0.5 - 3 CREDITS**

This course introduces beginning ESL students to survival oral English. Students practice pronunciation, learn basic vocabulary and develop conversation skills to help them meet immediate survival needs in community, social and work situations. **Placement test required.**

# ENGLISH LANGUAGE ACQUISITION (ELA) (CONTINUED)

**ESL 036                    INTRODUCTION TO CITIZENSHIP                    1 CREDIT**

The purpose of this course is to help individuals prepare for the examination for naturalized citizenship that is administered by the Citizen and Immigration Services of the United States Department of Homeland Security. The course includes study of U.S. history and civics and focuses also on the development of oral and dictation skills necessary for the naturalization examination. The course also includes cultural information as well as interview practice skills to assist in preparation for the interview.  
*Placement test required.*

**ESL 038                    BASIC COMPUTER SKILLS                    2-3 CREDITS**

ESL 038 Basic Computer Skills introduces students with little or no computer experience to the fundamentals of computing. Topics include keyboarding, using a mouse, identifying icons, using settings and image controls, identifying components, and creating and saving files. Students are also introduced to fundamental Internet skills.

**ESL 040                    ESL INTERMEDIATE I                    1-3 CREDITS**

ESL Intermediate I is intended for students in NRS functioning level 4. The course focuses on intermediate communicative skills in English. Students in ESL040 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may work-life balance, consumer awareness, housing, and community involvement.

**ESL 042                    ESL INTERMEDIATE II                    1-3 CREDITS**

ESL Intermediate II is intended for students in NRS functioning level 4. The course offers continued practice in intermediate English communicative skills. Students in ESL042 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may work-life balance, consumer awareness, housing, and community involvement.

**ESL 048                    DIGITAL SKILLS FOR EVERYDAY LIFE                    2-3 CREDITS**

This course develops practical digital skills for intermediate and advanced English language learners who have basic computer experience. Students strengthen their ability to communicate safely and effectively online while building confidence in managing everyday digital tasks. Topics include email communication and etiquette, internet safety, password management, privacy settings, digital footprints, social media awareness, cyberbullying, and evaluating online information. Emphasis is placed on responsible digital citizenship, personal security, and real-world application for work, education, and community life.

**ESL 049                    ESSENTIAL SOFTWARE SKILLS                    2-3 CREDITS**

ESL 049 Essential Software Skills prepares language learners for college and the workplace by introducing them to common productivity software. Students practice English language skills through the use of applications such as word processing, spreadsheet, and presentation software. Additionally, use online resources to identify potential career paths which utilize these skills.  
*Prerequisite: ESL 048 Digital Literacy or approval of instructor.*

## ENGLISH LANGUAGE ACQUISITION (ELA) (CONTINUED)

### **ESL 050      ESL HIGH INTERMEDIATE I      1-3 CREDITS**

ESL High Intermediate I is intended for students in NRS functioning level 5. The course focuses on intermediate communicative skills in English, including writing and reading longer paragraphs. Students in ESL050 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may work-life balance, personal finance, housing, and community involvement.

### **ESL 052      ESL HIGH INTERMEDIATE II      1-3 CREDITS**

ESL High Intermediate II is intended for students in NRS functioning level 5. The course offers continued practice in intermediate English communicative skills, including writing and reading longer paragraphs. Students in ESL052 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may health, career readiness skills and civic responsibility.

### **ESL 060      ESL ADVANCED I      1-3 CREDITS**

ESL Advanced I is intended for students in NRS functioning level 6. The course focuses on advanced ESL communicative skills in English, including writing and reading multi-paragraph essays. Students in ESL060 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may work-life balance, personal finance, automotive know-how, and housing.

### **ESL 062      ESL ADVANCED II      1-3 CREDITS**

ESL Advanced II is intended for students in NRS functioning level 6. The course offers continued practice in advanced ESL communicative skills in English, including writing and reading multi-paragraph essays and giving speeches. Students in ESL062 are presented with a variety of communicative tasks in English that are useful in everyday life and for academic and career readiness. Course topics may include Health, Retail, Office Communication, and Civic Responsibility.

### **ESL 064      INTRODUCTION TO THEATER      2-3 CREDITS**

ESL students will enhance their English language skills through the study of theatre elements and participation in forms related to live theatre. Course content will include energizers and theatre warm-ups, improvisations, and reader's theatre. This course will conclude with a class play which will serve as the final assessment.

### **ESL 065      BEGINNING WRITING WORKSHOP      3 CREDITS**

This course provides writing skills in English for low-intermediate ESL students to meet workplace and personal communication needs. Students write and edit sentences, write opinions, learn new vocabulary and apply standard structures orally and in writing. *Placement test required.*

### **ESL 067      BEGINNING WRITING WORKSHOP II      3 CREDITS**

This course provides writing skills in English for intermediate ESL students to meet workplace and personal communication needs. Students write and edit paragraphs, write summaries, learn new vocabulary and apply standard grammar structures orally and in writing. *Placement test required.*

## ENGLISH LANGUAGE ACQUISITION (ELA) (CONTINUED)

### ESL 070 ACADEMIC ENGLISH I

1-3 CREDITS

Academic English I is offered to ESL students above the Advanced level. The course focuses on academic reading and writing skills typically used in college courses. Students explore career options and the academic or vocational training required for success in those careers. Subjects covered may include texts from various academic disciplines.

### ESL 072 ACADEMIC ENGLISH II

1-3 CREDITS

Academic English II is offered to ESL students above the Advanced level. The course offers further exploration of academic reading and writing skills typically used in college courses. Students formulate career and academic plans according to their skills and interests. Subjects covered may include texts from various academic disciplines.

### ESL 081 BRIDGE TO IT CAREERS I

2-3 CREDITS

ESL 081 Bridge to IT Careers I introduces students to careers within the Information Technology field. Students identify career pathways, create a résumé, and analyze interests and skills which match different occupations. Students propose their own applications and use productivity software to create a business proposal.

*Prerequisite: ESL 049: Essential Software Skills or recommendation of instructor.*

### ESL 083 BRIDGE TO IT CAREERS II

2-3 CREDITS

ESL 083 Bridge to IT Careers II introduces students to database and computer networking terms and concepts through hands-on, contextualized projects. Students develop an IT career pathway which includes both academic and industry standards. Upon completion of this course, students will be prepared to enter credit-bearing IT, Office Technology, CAD, Accounting, and related certificate or degree programs at Morton College.

*Prerequisite: ESL 081 Bridge to IT Careers I*

### ESL 090 CONVERSATIONAL PRACTICE I

0.5 - 3 CREDITS

This course develops the oral communication skills of low-intermediate ESL students. Students in this course participate in small and large group discussions on a variety of topics. Students in this course read and discuss English text and apply standard grammar structures orally and in writing.

*Placement test required.*

### ESL 092 CONVERSATIONAL PRACTICE II

0.5 - 3 CREDITS

This course develops the oral communication skills of intermediate ESL students. Students in this course participate in small and large group discussions on a variety of topics. Students in this course read and discuss English text and apply standard grammar structures orally and in writing.

*Placement test required.*

### ESL 098 CITIZENSHIP

1 CREDIT

The primary purpose of this course is to help individuals prepare for the examination for naturalized citizenship that is administered by the Citizen and Immigration Services of the United States Department of Homeland Security. The course includes study of U.S. history and civics that will assist them in passing the naturalization interview examination. The course includes cultural information as well as interview practice skills to assist in preparation for the interview and the development of oral and dictation skills necessary for the naturalization examination. The U.S. history and civics, and English skills portions of this course are intended also to prepare students to continue their studies in other related academic programs at the College. *Placement test required.*

## HIGH SCHOOL EQUIVALENCY CERTIFICATE (HSEC) PREPARATION

### **ABE 030      ABE LOW INTERMEDIATE I**

**0.5 - 3 CREDITS**

ABE Low Intermediate I is intended for students in NRS level 3. The course will focus upon developing communicative skills in reading, writing, speaking, and listening. Students in ABE 030 are presented with a variety of tasks for academic and career readiness, including research, writing and presenting essays, and reading and interpreting a variety of texts. Additionally, vocabulary and workplace skills will be emphasized.

### **ABE 032      ABE LOW INTERMEDIATE II**

**0.5 - 3 CREDITS**

ABE Low Intermediate II is intended for students in NRS level 3. The course will focus upon developing communicative skills in reading, writing, speaking, and listening. Students in ABE 032 are presented with a variety of tasks for academic and career readiness, including research, writing and presenting essays, and reading and interpreting a variety of texts. Additionally, vocabulary and workplace skills will be emphasized.

### **ABE 040      ABE HIGH INTERMEDIATE I**

**0.5 - 3 CREDITS**

ABE High Intermediate I is intended for students in NRS level 4. The course will focus upon developing communicative skills in reading, writing, speaking, and listening, with an additional focus on social studies content. Students in ABE 040 are presented with a variety of tasks for academic and career readiness, including research, writing and presenting essays, and reading and interpreting a variety of texts. Additionally, vocabulary and workplace skills will be emphasized.

### **ABE 042      ABE HIGH INTERMEDIATE II**

**0.5 - 3 CREDITS**

ABE High Intermediate II is intended for students in NRS level 4. The course will focus upon developing communicative skills in reading, writing, speaking, and listening, with an additional focus on science content. Students in ABE 042 are presented with a variety of tasks for academic and career readiness, including research, writing and presenting essays, and reading and interpreting a variety of texts. Additionally, vocabulary and workplace skills will be emphasized.

### **ABM 020      BEGINNING MATHEMATICS**

**1-6 CREDITS**

This course introduces and reviews the following basic math concepts: estimating; rounding; place value; properties of operations; addition, subtraction, multiplication and division of whole numbers; setting up equations, including equations with unknowns represented by a symbol; word problems with whole numbers; linear and area measurement; using picture graphs, bar graphs and line plots; and geometric shapes and their attributes.

### **ABM 030      LOW INTERMEDIATE MATH**

**1-6 CREDITS**

Designed for students requiring development of intermediate math skills. Topics covered in this course include multiplication and division of multi digit numbers; addition, subtraction, multiplication, and division of fractions; Integrate decimal fractions into the place value system and develop understanding of decimal place value and operations with decimals; understand geometric figures and analyze for size, sides, and measure; develop an understanding of volume.

## **HIGH SCHOOL EQUIVALENCY CERTIFICATE (HSEC) PREPARATION (CONTINUED)**

### **ABM 032      LOW INTERMEDIATE MATHEMATICS-2      1-6 CREDITS**

This course will focus upon developing an understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry. Students will explore basic algebra concepts including solving algebraic inequalities, using variables to represent numbers in word problems and be able to identify patterns and justify the reasoning. Students in this course require a TABE score in NRS 3 or have a teacher recommendation. ABM 030 can be taken before or after this course.

### **ABM 040      HIGH INTERMEDIATE MATH      3 CREDITS**

Designed for students requiring development of intermediate math skills. Topics covered in this course include applying proportional relationships, analyzing rational numbers, formulating and applying algebraic expressions and equations, and understanding linear equations.

### **ABM 042      HIGH INTERMEDIATE MATH -2      3 CREDITS**

Students will explore geometric figures while solving real world problems as they relate to work and real life. Statistics and probability will also be investigated throughout the term.

### **ASE 001      ICAPS SUPPORT COURSE      0.5-3 CREDITS**

This course prepares students to pass the HSE exams while gaining the skills necessary to train for sustainable employment and/or post-secondary education. Academic and workplace readiness skills are combined to support the student while receiving an HSE and completing a certificate program. Students will receive all supports needed to be successful in their credit courses. This course can only be taken pass/fail.

### **ASE 012      HSE REVIEW      1-6 CREDITS**

ASE 012 prepares students for the HSE exam in the areas of language arts, science, math and social studies. Strategies to read, interpret, infer, and draw conclusions, while learning how to read complex texts to interpret, synthesize and understand information will all be reviewed during this course. Students will also explore career pathways and opportunities available to transition to the credit side of the college. Students will demonstrate concepts learned through a variety of written work, as well as, through a range of collaborative discussions to build on others' ideas. Finally, students will write for a variety of purposes including writing an argument which a student will support a claim using evidence from the text, write informatively, and write a narrative.

### **ASE 050      BRIDGE TO CAREER TECHNICAL EDUCATION      6 CREDITS**

Bridge to Career Technical Education (ASE 050) assists the student in examining the components of career choice and provides a comprehensive overview of potential careers in the fields of Early Childhood, CAD, HVAC, Welding, Computer Information Systems, CNA and Office Management. The focus is on career awareness, education awareness, and work readiness skills as they relate to the process of career choice and post-secondary education. Decision-making strategies, resume writing, interviewing skills, and job search techniques are covered. ASE 050 introduces the students to CTE programs at Morton College and builds the required language arts skills to successfully enter these post-secondary programs. Students will also be required to complete 3 lessons a week on i-pathways to simultaneously prepare for the HSE exams.

**HIGH SCHOOL EQUIVALENCY CERTIFICATE (HSEC) PREPARATION  
(CONTINUED)**

**ASE 051      SPANISH HSE REVIEW      1-6 CREDITS**

Prepares students for the HSE exam in the areas of language arts, science, math, social studies, and the US Constitution in Spanish. This course will review strategies to read, interpret, infer, and draw conclusions. while learning how to read complex texts to interpret, synthesize and understand information. This course will focus on HSE test preparation, writing skills, and workplace skills needed to transition to credit courses, certificates or trade. This course can only be taken on a pass/fail basis.

**BHC 001      BRIDGE TO HEALTHCARE CAREERS      6 CREDITS**

This course is an exploration course designed to assist students in making an educated decision on a healthcare career pathway. This course is recommended for students at NRS level 3 and 4. After taking this course students may enroll in BHC 010.

**BHC 010      BRIDGE TO HEALTHCARE CAREERS      3 CREDITS**

This course is designed for students who have tested at NRS level 5 or 6 on TABE 11/12 Reading. Students may also enter the course by teacher recommendation. Once this course is complete; students will transition on to the credit side of the college through Credit Connect. Students that receive an acceptable TABE score or have a teacher recommendation will need to complete an application. The application is available through an AECPO Transition Specialist.

**MAT 012      MATHEMATICS FOR PROFICIENCY      0.5 - 5 CREDITS**

This course will prepare the student for the math portion of the GED exam. It will teach students to comprehend, evaluate, apply and analyze mathematical problems as a consumer and in the world of work. *Placement test is required. Previously known as MAT 032.*

Community and Continuing Education non-credit programs reflect the latest industry and real-world development trends and offer exciting learning opportunities for our diverse community. These non-credit classes focus on students' specific interests, and allow them to reach a personal goal, whether that is employment, entertainment, or social engagement, in a short amount of time. Community Education programs target students who are looking to develop their interests and hobbies, like Ceramics, Yoga, or Auto Maintenance. Morton College offers a review class for the college placement test, Summer STEAM and sport programs for young learners and Skills for Daily Living program for adults with mild to moderate intellectual disabilities. Continuing Education program offers non-credit certificates for job seekers in industries with high-demand positions, including Healthcare, Hospitality, and Logistics & Transportation. Students who earn an employer-recognized certificate are much more likely to find steady employment in the industry of their choice. The certificate courses are also for professionals already working in the field who are looking to advance their careers.

## REGISTRATION

**In person:** One Stop Center, Building B, 1st floor

Email: [admissions@morton.edu](mailto:admissions@morton.edu)

**Online:** <http://web-adv.morton.edu> Select Community Service Self-Service. Insert Course Code.

## COMMUNITY AND CONTINUING EDUCATION COURSES

### COMMUNITY EDUCATION

#### Community Internship FIN 006

The course offers students real world job experience by completing a variety of community projects. The interns will work closely with faculty and community partners to develop necessary skills, expertise and perform a required course project.

#### Yoga FIT 001

Through group and individual yoga routines, postures are practiced to align, strengthen and promote flexibility in the body. Breathing techniques and meditation are also integrated. The class puts an emphasis on simplicity, repetition, and ease of movement. Full-body relaxation and balance are the goals, as the students make a full circuit of the body's range of motion with standing postures, twists, backbends, forward folds, and hip openers.

## **COMMUNITY EDUCATION (CONTINUED)**

### **Modern Dance FIT 003**

Modern Dance class will introduce students to a variety of contemporary dance styles including jazz, classical, modern and improvisation. Classwork develops efficient alignment, strength, flexibility, coordination, rhythm, dynamics and spatial awareness. No experience necessary.

### **Spanish Basics LAN 002**

Spanish Basics focuses on the four key areas of foreign language study: listening, speaking, reading, and writing. The emphasis is on meeting the needs of the diverse student population and incorporating the Spanish language in everyday life. Students will learn Spanish phonemes and basic vocabulary including numbers, colors and greetings.

### **ACCUPLACER Review for Language Arts TST 002**

This class will focus on Language Arts skills needed for the ACCUPLACER(college placement test). It will review reading comprehension strategies, sentence relationships, sentence structure and construction shifts.

### **ACCUPLACER Review for Mathematics TST 003**

This class will focus on Mathematics skills needed for the ACCUPLACER(college placement test). The elementary algebra review will include integers, rational numbers, absolute value, algebraic expressions, rational roots, exponents and more.

### **Auto Maintenance MEC 001**

This course covers the operation of various auto systems with an emphasis on preventive maintenance. Students will have the chance to work on their own automobile in the college's auto shop.

### **Ceramics CFT 002**

Students will create and design their own pottery using hand-built and wheel-thrown techniques in a class appropriate for entry-level artists. Glazing and some decorating will also be covered. Come to class with an apron or smock, and be prepared to HAVE SOME FUN!

### **Skills for Daily Living SND 004**

This course is designed to help students with mild to moderate learning delays develop and expand life enrichment skills. The class will be student driven; instructors will address various academic, social and fitness skills based on those enrolled in the class.

### **Contact Tracing HCE 005**

This course is an online self-paced course aligned to the guidelines provided by the Center of Disease and Prevention (CDC) regarding contact tracing. This course will prepare you to be contact tracer while incorporating a special health education module that address the underlying health conditions that have caused severe respiratory illness. This course offers engaging presentations of content material and is also offered in Spanish. At the end of this course, you will receive a Contact Tracer Certificate verifying your completion.

## **COMMUNITY EDUCATION (CONTINUED)**

### **PROGRAMS FOR YOUNG LEARNERS**

#### **STEAMers Camp CMP 001**

The STEAMers Camp is an enrichment summer program for young learners ages 6-12 that focuses on the areas of Science, Technology, Engineering, Art and Math. In addition to the components of the popular STEM fields, students will learn about the arts, including theater, movement, ceramics, and drawing. The camp provides a safe, fun, and active environment on campus in which children can develop new skills, self-esteem, and friendships. There are two age groups of the camp: ages 6-9 and ages 10-12. Please select the appropriate group when registering your child.

#### **Youth Basketball Clinic CMP 009**

In Youth Basketball Clinic, young learners will develop fundamental basketball skills while learning, teamwork, strategy and sportsmanship. Students will learn basketball rules, shooting, passing and ball handling. They will also learn offensive and defensive skills like rebounding, and team play. No experience necessary.

#### **Bookkeeping Certification Prep BUS 057**

Unlock the financial language of business and gain the skills to navigate its success! This comprehensive course, "Bookkeeping Essentials of Accounting," equips you with the foundational knowledge to understand, track, and interpret financial information used by businesses of all sizes. Geared towards both aspiring bookkeepers and those seeking the Intuit Certified Bookkeeping Professional (ICBP) exam, this course covers all the essential learning objectives required for the Certipor® administered exam.

#### **Excel, Word, PowerPoint for Workforce TEC 012**

Participants in the Excel, Word, and PowerPoint for the Workforce noncredit course will gain knowledge and skills to effectively work with Microsoft Excel, Microsoft Word, and Microsoft

PowerPoint software. This course will guide students through key features of each of these three popular Microsoft Office productivity applications to enhance their ability to apply software capabilities in their daily work. Topics include creating and formatting spreadsheets, documents, and slideshows; using various templates, formulas, workbooks, and media; and operating online and data analysis. Students may prepare and take one of the Microsoft Office Specialist industry certification exams in Microsoft Excel, Word, or PowerPoint.

#### **Supply Chain Management Certification Prep SCM 050**

This course is designed to prepare students for the APICS Certified Supply Chain Professional (CSCP) exam, a globally recognized certification in supply chain management. The course covers comprehensive content aligned with the exam domains: supply chain design, planning and execution, and supply chain improvement and best practices. Students will explore concepts, strategies, tools, and technologies essential for managing the end-to-end flow of materials, information, and value across supply chains. Emphasis is placed on understanding core principles such as demand management, supply chain synchronization, supplier relationship management, and performance measurement techniques. Practical applications through case studies, simulations, and real-world examples will reinforce learning and exam readiness. Successful completion of this course will enhance students' knowledge and skills required for achieving the CSCP certification.

## **COMMUNITY EDUCATION (CONTINUED)**

### **Spanish-English Professional Services Interpreter SPN 012**

This course, taught in Spanish and English, will provide students a foundation for Spanish to English translation theory and practice.

### **NCLEX Success Program HCE 030**

The NCLEX Success Program (NSP) is a course that is designed to assist any of Morton College Graduates that successfully completed the Nursing Program. This program provides one-to-one and group tutoring to prepare the graduates for the Nursing State Board licensing exam, NCLEX. Nursing program graduates are not able to begin working in the career of nursing until the NCLEX exam has been successfully completed. This program assists with not only achieving this goal, but also assists with allowing the students to enter into the workforce with their new career degree.

### **Home Aide Skills HCE 020**

Home Aide Skills is an introductory course for anyone in a caring role, either paid or unpaid. It builds on what you already know to give you a better understanding of your role as a carer. It also supports your own well-being by giving you some ideas and information about looking after yourself and dealing with stress.

### **QuickBooks Certification Prep BUS 058**

This hands-on course introduces students to QuickBooks, a leading accounting software used by small businesses. Students will learn how to track income and expenses, create invoices, manage payroll, and generate financial reports. No prior bookkeeping experience is required-perfect for beginners, small business owners, and anyone looking to improve their financial recordkeeping skills.

### **Snap-On 504F Multimeter Certification ATM 011**

The Snap-on 504F Multimeter Certification course covers basic to advanced multimeter use and application. The course features classroom instruction, hands-on training, and an end-of-course certification exam. Content covered includes multimeter controls, display readings, terminal connections, troubleshooting techniques, hands-on operation with the Snap-On 504F Multimeter, lab exercises, and online testing.

### **MACS Section 609 Certification ATM 012**

This course teaches the proper procedures for handling refrigerants, as required by the Clean Air Act. The course covers topics like A/C system components, refrigerants, and service practices, with a primary focus on complying with regulations and protecting the environment through correct recovery and recycling of refrigerants.

### **Entrepreneurship & Small Business (ESB) Certification BUS 061**

This course is a comprehensive program designed for aspiring entrepreneurs and small business owners. It provides both the theoretical knowledge and practical skills needed to launch and manage a business successfully. Through a hybrid format, students will create a complete business plan, develop financial literacy, and craft a marketing strategy. The program culminates in a final pitch presentation.

### **Transportation Operations: Supply Chain Management Expansion SCM 051**

This course introduces students to the movement of goods, modes of transport, carriers, and the cost/service trade-offs involved in logistics decision-making. Building directly on supply chain principles, it provides highly visible, real-world applications that resonate with students.

## **COMMUNITY EDUCATION (CONTINUED)**

### **Medical Terminology HCE 010**

Medical terminology is a course that is beneficial for any individual that is currently enrolled in a health care program or interested in enrolling in a health care career program. Learning the origination and understanding of medical terminology will directly benefit the student by providing them the knowledge needed to successfully communicate with the health care team. Communication is important for health care professionals in order to provide care for patients safely and effectively. The ability to communicate in the language of medicine provides students with additional confidence to become safe and effective members of the health care team.

Through this course the learner will be provided engaging information that is presented in a nontechnical language that relates to students of all backgrounds and levels of education. The course is designed as an uncomplicated passageway to learning the language of medicine.

Through this hybrid course the learner will be able to have the benefits of meeting in person throughout the course, yet attend a portion of the course virtual. This hybrid course will have the ability to reach a wider audience with the flexibility and timing of the course, allowing for full time-students and/or full-time employees to attend without disrupting their current schedules.

### **Commercial Driver's License – CDL MEC 004**

Commercial Driver's License Program follows the curriculum, as required by the Office of the Secretary of State, Driver Services Department. Classroom instruction includes but is not limited to preparation for Secretary of State written examinations and all chapters of this curriculum. Training yard behind-the-wheel instruction requires one-on-one instruction with properly licensed CDL instructor and vehicle on an approved training lot and on public streets and highways. Observation and additional classroom, range and over-the-road training based on each student's specific needs will be offered.

### **Pharmacy Technician HCR 001**

The Pharmacy Technician Training course is an introductory course that is designed to teach students the fundamentals and specifics of becoming a pharmacy technician. The course includes practice on mathematics concepts used by pharmacy technicians. An externship module is also included. Similar course available online at [careertraining.ed2go.com/morton](http://careertraining.ed2go.com/morton)

### **Food Service Sanitation Certification FSS 001**

This course will give students the education needed to receive a certification as a food service sanitation manager. With this certification, one will be able to ensure that all food safety practices are being maintained at all times during the handling of food and its surfaces. This certificate is a national certificate that meets the requirements in the state of Illinois and others throughout the country.

## **ONLINE COURSES**

### **CAREER TRAINING COURSES:**

**[careertraining.morton.edu](http://careertraining.morton.edu)**

#### **Clinical Dental Assistant**

In this course, you will learn about anatomy, physiology, preventive dentistry, patient care and communication, radiology, pharmacology, anesthesia, assisting in specialty practices and employment strategies. You will have the opportunity to apply for an externship, where you will get real-life clinical assistant experience.

## ONLINE COURSES (CONTINUED)

### Medical Billing and Coding

Medical Billing and Coding will prepare you for an entry-level career within the healthcare industry. You'll learn current medical coding standards, to help you accurately track patient accounts and find gainful employment within this growing workforce sector.

### Human Resources Professional

This course explores the foundational aspects of HR, including human resource laws, hiring disciplines, and labor relations. You will learn industry-recognized practices that align with the Human Resource Certification Institute (HRCI) and the Society for Human Resource Management (SHRM).

### Web Design Professional

This course will teach you foundational web design skills. You will first learn best practices for the technologies that drive web functionality: HTML, CSS, and JavaScript. You will then learn Creating, Styling, and Validating Forms, and take a deep dive into Bootstrapping to further your knowledge of web development. Finally, you will learn how to use the tools of the trade: Adobe Photoshop, Dreamweaver, and Animate.

### Electrical Technician

If you're looking for a stable career that is important in the everyday lives of people around you, this course could be just right for you. The course provides an intensive overview of the skills necessary for electrical maintenance, including math, inspection, safety, quality, electrical systems, automation, motor controls, and assembly.

### Maintenance Technician

This online Maintenance Technician course is an intensive overview of skills necessary for manufacturing maintenance from the basic principles of power transfer and rigging safety to PLCs and robotics that will provide you with the knowledge and skills you need to begin a successful career.

### Home Inspection Certificate

The Home Inspection Certificate Course covers the principal components, procedures, and processes of home inspection. This course has also been approved by the American Society of Home Inspectors (ASHI) and various home inspector organizations and regulatory boards for membership renewal credits or continuing education credits.

### Freight Broker/Agent Training

Written by freight brokerage specialists, this freight broker course will provide you with the knowledge and resources needed to break into the shipping industry. From transportation law, contracts, and insurance, to setting up and running your own business.

## CAREER TRAINING COURSES:

[www.careerstep.com/lp/partner/ap/mortoncollege](http://www.careerstep.com/lp/partner/ap/mortoncollege)

### Behavioral and Psychiatric Health Technician

Behavioral health and psychiatric technician training teaches the skills you need to provide direct services and support to patients who display patterns of disruptive behavior that requires management and intervention.

## **CAREER TRAINING COURSES (CONTINUED)**

### **EKG Technician Program**

Get trained and certification-ready with an online program built to adapt to your needs. That's why an externship experience is included with your EKG Tech program to get hands-on practice, gain valuable knowledge, and apply your training through exposure in the healthcare field.

### **Healthcare IT Professional**

IT professionals play a vital role in healthcare, ensuring the technology that runs healthcare facilities and systems functions properly. Through the Healthcare IT Professional program, you'll learn the tech skills and the healthcare knowledge you need to succeed as an effective member of an internal IT team. You'll also work toward CompTIA A+ certification, an industry-recognized credential that will help you stand out to potential employers.

### **Certified Healthcare Documentation Specialist**

This program is designed to explain the importance of clinical standards in the development of interoperable electronic health records. It's fast-paced, engaging, and overflowing with relevant information that will help hopeful professionals kickstart or advance their careers. Learners will explore best practices for several procedures, including (but not limited to) coding and reimbursement. They'll also get extensive training in medical terminology, anatomy, physiology, medico-legal rules, and HIPAA.

### **Medical Administrative Assistant w/ EHR Program**

This program was designed to help you pass the Certified Medical Administrative Assistant (CMAA) and Certified Electronic Health Record Specialist (CEHRS) exams and qualify you to become a skilled medical office administrative assistant. You'll learn to keep the front desk running smoothly, manage appointments, communicate clearly with staff, and maintain patients' health records.

### **Medical Office Manager**

Our medical office management classes were developed by healthcare administration professionals and medical billers. And you benefit from all their years of hard-won experience. Our elite program is also reverse engineered from the industry's leading certifications, helping to ensure that you're able to take and pass the CMAA, CEHRS, and CBCS exams. (These are widely recognized and respected credentials from the National Healthcareer Association.) Additionally, our online medical office management program includes lots of hands-on training with ezEMRx billing software and electronic health records (EHR). In other words, by the time you complete your training, you're gonna know your stuff. You'll have the skills and confidence to step right into your first gig managing a medical office.

### **Phlebotomy Technician**

Our program's comprehensive training infuses you with the knowledge and simulation experience you need to be prepared to pass the test and add the prestigious credential to your resume. Rich and visual course materials include lots of images, learning games, and highly interactive simulations to help you quickly comprehend—and succeed. The goal of our Phlebotomy Technician program is to position you—immediately upon completion—to start working in the field of phlebotomy. To that end, a 40-hour externship experience is included with your training so you can earn clinical hours and get valuable hands-on experience.

## **CAREER TRAINING COURSES (CONTINUED)**

### **Sterile Processing Technician**

The Sterile Processing Technician Training is designed to help you build a strong foundation in healthcare knowledge and skills, from an understanding of how HIPAA regulations apply to your work to standard sterile processing procedures. Your coursework will also help prepare you to sit for the Certified Registered Central Service Technician (CRCST) exam offered through the Healthcare Sterile Processing Association (HSPA) so you can become a certified sterile processing technician.

## **FUNDAMENTAL COURSES:**

**[WWW.ED2GO.COM/MORTON](http://WWW.ED2GO.COM/MORTON)**

### **Project Management**

Prepare for the Project Management Institute's Project Management Professional (PMP) certification exam. This course will help you master the content in the first seven chapters of the PMBOK Guide and discover tips and techniques related to questions you with experience on the actual PMP exam.

### **Accounting Fundamentals**

Gain a solid foundation of accounting with hands-on experience. This course will provide you the essentials of double-entry bookkeeping as you learn to properly analyze and record receivables, payables, payroll, taxes and common banking activities within professional accounting documents.

### **Medical Terminology: A Word Association Approach**

If you have ever had trouble memorizing medical terms, this course (and word association approach) is for you. You will learn medical terminology from an anatomical approach with the origin, a combined form, and an example of non-medical everyday usage provided for each root term.

### **Discover Sign Language**

Gain confidence in your ability to sign with the Deaf community. This course immerses you in silence to help you gain an understanding of the perspective of the hearing impaired and uses videos to demonstrate not only how to make signs, but how to communicate with facial expression.

### **Introduction to Microsoft Excel 2019/365**

Learn to quickly and efficiently use Microsoft Excel 2019/Office 365 as you discover dozens of shortcuts and tricks for setting up fully formatted worksheets. This course, taught by an experience Microsoft Excel instructor, provides in-depth knowledge for beginners that will have you using Excel like a pro.

### **QuickBooks 2017 Series**

Learn to manage the financial aspects of your small business quickly and efficiently with this powerful accounting software program. QuickBooks is designed especially for the small- to midsized-business owner who needs a fully functional accounting system that is also easy to use. For more information and course details contact: Community & Continuing Education Office at 708.656.8000 X 2383, continuing.education@morton.edu

# DEGREE AND CERTIFICATE REQUIREMENTS

|    |                                   |
|----|-----------------------------------|
| 93 | Degrees Offered at Morton College |
| 93 | General Education Requirements    |
| 94 | Associate Degree Requirements     |
| 94 | Career Certificate Requirements   |
| 95 | Second Degree And/Or Certificate  |
| 95 | Graduation and Commencement       |
| 96 | Hale Memorial Award               |
| 96 | Graduation Procedures             |

## DEGREES OFFERED AT MORTON COLLEGE

Students may apply for multiple degrees or certificates. Students who anticipate qualifying for a degree and certificate in the same semester should consult with an Student success coach for more information.

- **Associate in Arts (A.A.) and Associate in Science (A.S.)**  
These degrees are designed for students planning to earn a Bachelor's Degree at a four-year college or university.
- **Associate in Fine Arts in Art (A.F.A.)**  
This degree is designed for students planning to earn a Bachelor's Degree in art at a four-year college or university.
- **Associate in Liberal Studies (A.L.S.)**  
This degree is designed for students completing an individuallydesigned curriculum meeting their specific interests or needs. This degree is not transferable, but the courses may be.
- **Associate in Applied Science (A.A.S.)**  
This degree is designed for students interested in career curricula for employment after graduation in specific fields. This degree is not transferable, but the courses may be.
- **Associate in Engineering Science (A.E.S.)**  
This degree is designed for students planning to earn a Bachelor's Degree in engineering at a four-year college or university.

## GENERAL EDUCATION REQUIREMENTS

Each degree program requires a combination of general education, elective and/or career courses; this combination gives each program its special emphasis. The core of general education courses provides students with a common academic experience. In general, the General Education Requirements for each degree are meant to help students pursuing those degrees to meet Morton College's General Education Objectives as outlined on page 104.

## ASSOCIATE DEGREE REQUIREMENTS

It is the student's responsibility to see that all graduation requirements are completed. Students are encouraged to consult with an Student success coach to monitor their educational progress.

The following are graduation requirements for all associate degrees at Morton College:

1. **Associate in Arts (A.A.), Associate in Science (A.S.) and**
2. **Associate in Fine Art in Art (A.F.A.) Candidates** — Earn a minimum of 62 credit hours of credit in transfer courses numbered 100 and above.
3. **Associate in Engineering Science (A.E.S.)** Earn a minimum of 65 credit hours in courses as outlined in the specific program of study.
4. **Associate in Liberal Studies (A.L.S.) Candidates** — Earn a minimum of 62 credit hours of credit in courses numbered 100 and above.
5. **Associate in Applied Science (A.A.S.) Candidates** — Earn a minimum of 60 credit hours in courses as outlined in the specific program of study.
6. Achieve a minimum cumulative GPA of 2.00 ("C" average) for all Morton College courses attempted.
7. Students must earn a minimum of 15 credits required for the degree at Morton College. The last 10 credits must be completed at Morton College uninterrupted by course work from another institution.
8. File a Petition for Graduation form with the Office of Registration and Records. Petition filing dates are published each semester in the Course Schedule.

## CAREER CERTIFICATE REQUIREMENTS

- › Complete all specific certificate requirements. All courses should be numbered 100 or above except in continuing education certificate programs.
- › Complete at least seven credit hours or one-third of the credit hours for the certificate at Morton College.
- › Attend the College in the semester in which the certificate is completed.
- › File a Petition for Graduation form with the Office of Registration and Records. Petition filing deadlines are published each semester in the Course Schedule.

## SECOND DEGREE AND/OR CERTIFICATE

The following requirements apply to students who have earned one degree or certificate and wish to qualify for an additional degree or certificate.

- The general education and program requirements for the second degree or certificate must be completed successfully.
- For each additional degree, a minimum of 15 credit hours of credit must be earned in residence in courses not applied to other degrees or certificates previously received.
- For each additional certificate, a minimum of one-fourth of the total credit hours of credit must be earned in residence in courses that were not applied to other degrees or certificates previously received.
- A student may qualify for an Associate in Applied Science degree and a certificate concurrently in the same program. However, certificates in the same program of study will not be awarded after the degree has been completed. Students who anticipate qualifying for a degree and certificate in the same semester should consult with an Student success coach for more information. Students may not qualify for more than two degrees/certificates in the same semester.

## GRADUATION AND COMMENCEMENT

Students are responsible for fulfilling all degree/certificate requirements and graduation procedures.

Although academic program requirements may change with each edition of the College Catalog, students whose enrollment has been continuous may graduate under the current program requirements or any program requirements in effect since their enrollment. Students are not permitted to follow a catalog more than five years before their date of graduation.

Students who are already admitted into or are in the process of fulfilling requirements for a career degree or certificate program under their original catalog may be required to upgrade to a more recent catalog edition, due to updates in industry, licensing, and/ or accreditation standards. A degree or certificate cannot be awarded once it has been officially withdrawn by the Illinois Community College Board (ICCB). Every effort will be made to notify the student of such withdrawal. Students whose enrollment has been interrupted for two consecutive semesters (excluding summer) must follow the graduation requirements of the catalog at the time of reentry. Courses discontinued before the publication of a catalog selected for graduation may, on approval of the appropriate academic dean, be used to fulfill elective requirements within a program. If a student changes his/her program, he/she must follow the academic regulations and graduation requirements of the catalog current at the time of the program change.

## **ROBERT M. HALE (MEMORIAL) AWARD FOR ACADEMIC EXCELLENCE**

The Hale Memorial Award is presented each year at commencement to the candidate for graduation who has the highest scholastic average in an associate degree program and who has earned the associate degree in two (2) academic years.

## **GRADUATION PROCEDURES**

To receive a degree(s) and/or certificate(s) from Morton College, candidates must:

- Meet with an Student Success Coach to determine whether all credits and requirements have been met for graduation. Graduation deadlines are listed for each semester on [www.morton.edu](http://www.morton.edu) and in the printed schedule and student handbook.
- Complete the graduation petition online & submit the petition application fee through the Panther Portal for the semester in which graduation is intended.

To add to the academic experience, students are encouraged to participate in the commencement ceremony. Commencement is held once a year at the end of the spring semester for students who graduated in the previous summer and fall terms and for current spring candidates. It is important to note that participation in commencement does not guarantee that all degree/certificate requirements have been fulfilled. Final degree and certificate conferral is contingent upon successful completion of all program and institutional requirements.. Diplomas will be mailed to students approximately 8-10 business weeks after the semester has ended and upon completion of final graduation audits.

Diplomas will not be issued until all graduation requirements and financial obligations to the College have been met. Students failing or withdrawing from required courses should immediately contact their Student Success Coach. For more information regarding degree/certificate eligibility, please contact the Academic Advising Department at (708) 656-8000, Ext. 2484.

# EDUCATIONAL PROGRAMS

|         |                             |
|---------|-----------------------------|
| 97      | General Education Outcomes  |
| 98      | Career Programs             |
| 179-194 | University Transfer Program |
| 195-200 | Liberal Studies Program     |

Educational programs at Morton College include transfer, careers and technical programs and Adult Education, which enable students to fulfill their academic and career goals. The College also provides Adult Basic Education (ABE), English as a Second Language (ESL) and General Educational Development (GED) course work.

## GENERAL EDUCATION OUTCOMES AND KEY INDICATORS

**ANALYSIS/THINKING/PROBLEM SOLVING:** Morton College graduates will be able to reason using a variety of analytical tools and processes in a wide array of contexts The graduate will be able to:

- Identify and describe problems clearly.
- Collect, analyze, synthesize, and evaluate information.
- Use appropriate ways of thinking or methods to solve problems.
- Evaluate proposed solutions and their consequences.

**COMMUNICATION:** Morton College graduates will be able to communicate clearly, coherently, and accurately with varied audiences and for a range of purposes. The graduate will be able to:

- Write clearly and persuasively in a variety of forms to a variety of audiences.
- Speak clearly and persuasively in a variety of forms to a variety of audiences.
- Comprehend oral presentations from a variety of speakers.

**DIVERSITY & GLOBAL AWARENESS:** Morton College graduates will be able to recognize the interconnectedness of diverse and global societies. The graduate will be able to:

- Describe and assess his or her own cultural perspectives and values.
- Identify and describe human cultures and their interactions.
- Articulate the personal and societal benefits of diversity.

**ETHICS:** Morton College graduates will be able to use ethical perspectives to make decisions.

The graduate will be able to:

- Identify significant facts relevant to ethical choices, questions, or situations.
- Compare and contrast differing ethical perspectives.
- Articulate how ethical frameworks influence personal and professional choices and responsibilities.
- Apply ethical perspectives to personal, academic, professional, and civic problems or issues.

**LITERACY:** Morton College graduates will be able to demonstrate academic or professional literacy within varied content areas. The graduate will be able to:

- Read critically within varied content areas using appropriate strategies.
- Use current terminology specific to the field of study and/or degree.

The purpose of General Education courses integral to the core requirements of every degree program at Morton College is to develop a strong foundation and appreciation for life-long learning. By taking a wide-range of courses in Communication,

Mathematics, Science, Behavioral and Social Sciences, Humanities and Fine Arts, students are better prepared for the complex, rapidly-changing, and global challenges of the 21st Century. General Education courses also impart the broad knowledge necessary to cultivate a more enriched, well-rounded life and to foster skills crucial to success in any type of professional or personal endeavor. General Education Courses support the General Education Outcomes expected of graduates with a degree from Morton College.

## **CAREER PROGRAMS**

### **ASSOCIATE IN APPLIED SCIENCE**

This degree is for students who intend to pursue employment upon graduation. Students must meet the general education requirements as listed in the Catalog for the Associate in Applied Science (A.A.S.) Degree. Students pursuing this degree must complete the remaining required credit hours according to the requirements of the program.

### **CERTIFICATE PROGRAMS**

Career certificate programs provide basic skills in technical courses that prepare students for entry-level jobs. Certificate programs typically require one semester to one year of full-time study to complete. Career certificate programs are outlined in the following pages.

## CERTIFICATES AND A.A.S. DEGREES AVAILABLE AT MORTON COLLEGE

| AREA OF STUDY                                    | AAS       | Certificate |
|--------------------------------------------------|-----------|-------------|
| 3-D CAD .....                                    | No .....  | Yes         |
| Accounting .....                                 | Yes ..... | Yes         |
| Alternative Fuels-Compressed Natural Gas .....   | No .....  | Yes         |
| Architectural Autodesk Revit .....               | No .....  | Yes         |
| Automotive Mobile Electronics .....              | No .....  | Yes         |
| Automotive Service .....                         | No .....  | Yes         |
| Automotive Technology .....                      | Yes ..... | Yes         |
| Business Management .....                        | Yes ..... | Yes         |
| Cloud Essentials .....                           | No .....  | Yes         |
| Computer Aided Design Technology .....           | Yes ..... | Yes         |
| Computer Information Systems .....               | Yes ..... | No          |
| Computer Network Security .....                  | Yes ..... | No          |
| Computer Service Technician .....                | No .....  | Yes         |
| Criminal Justice .....                           | Yes ..... | Yes         |
| Drafting Technology .....                        | No .....  | Yes         |
| Early Childhood Aide .....                       | No .....  | Yes         |
| Early Childhood Assistant .....                  | No .....  | Yes         |
| Early Childhood Education .....                  | Yes ..... | Yes         |
| Electronic Records Management .....              | No .....  | Yes         |
| Emergency Medical Technician .....               | No .....  | Yes         |
| FIR Investigation Specialist .....               | No .....  | Yes         |
| Fire Prevention Specialist .....                 | No .....  | Yes         |
| Fire Science Technology .....                    | Yes ..... | Yes         |
| Heating, Ventilation, and Air Conditioning ..... | Yes ..... | Yes         |
| Licensed Practical Nurse .....                   | No .....  | Yes         |
| Maintenance and Light Repair (Automotive) .....  | No .....  | Yes         |
| Medical Office Support .....                     | No .....  | Yes         |
| Microsoft Office .....                           | No .....  | Yes         |
| Music Production Certificate .....               | No .....  | Yes         |
| Nursing Assistant .....                          | No .....  | Yes         |
| Nursing .....                                    | Yes ..... | Yes         |
| Office Technology Specialist .....               | No .....  | Yes         |
| Office Management Technology .....               | Yes ..... | No          |
| Paramedic .....                                  | No .....  | Yes         |
| Physical Therapist Assistant .....               | Yes ..... | No          |
| Simulation and Game Development .....            | No .....  | Yes         |
| Social Media Marketing .....                     | No .....  | Yes         |
| Supply Chain Management .....                    | No .....  | Yes         |
| Web Design .....                                 | Yes ..... | No          |
| Web Site & Multimedia Design .....               | No .....  | Yes         |
| Welding .....                                    | No .....  | Yes         |

# ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE REQUIREMENTS

This degree is for students who intend to pursue employment upon graduation. Students must meet the general education requirements listed on the pages under their chosen Associate in Applied Science (A.A.S.) Degree. Students should consult with their Student success coach when selecting courses. The following guidelines should serve as only reference.

## GENERAL EDUCATION REQUIREMENTS\*

### A. COMMUNICATIONS

|         |                               |   |
|---------|-------------------------------|---|
| ENG 101 | Rhetoric I                    | 3 |
| ENG 102 | Rhetoric II                   | 3 |
| SPE 101 | Principles of Public Speaking | 3 |

\*6 credits required. Students should consult with their assigned Student Success Coach when selecting their general education requirements, total credits needed may vary depending upon degree.

### B. BEHAVIORAL/SOCIAL SCIENCES

|         |                                          |   |
|---------|------------------------------------------|---|
| ANT 101 | Introduction to Anthropology             | 3 |
| ANT 102 | Introduction to Cultural Anthropology    | 3 |
| ANT 103 | Introduction to Archaeology              | 3 |
| ECO 101 | Principles of Economics I                | 3 |
| ECO 102 | Principles of Economics II               | 3 |
| GEG 105 | World Regional Geography                 | 3 |
| GEG 107 | Intro to Human Geography                 | 3 |
| GEG 125 | Geography of the Developing World        | 3 |
| HIS 105 | American History to 1865                 | 3 |
| HIS 106 | American History from 1865               | 3 |
| HIS 140 | American Popular Culture                 |   |
| POL 201 | United States National Government        | 3 |
| POL 202 | State and Local Government               | 3 |
| PSY 101 | Introduction to Psychology               | 3 |
| PSY 201 | Social Psychology                        | 3 |
| PSY 202 | Abnormal Psychology                      |   |
| PSY 210 | Child Growth and Development             | 3 |
| PSY 211 | Adolescent Psychology                    | 3 |
| PSY 215 | Life Span: A Survey of Human Development | 3 |
| SOC 100 | Introduction to Sociology                | 3 |
| SOC 101 | The Family                               | 3 |

## B. BEHAVIORAL/SOCIAL SCIENCES (CONTINUED)

|               |                                  |   |
|---------------|----------------------------------|---|
| SOC 102 ..... | Social Problems.....             | 3 |
| SOC 201 ..... | Race and Ethnicity .....         | 3 |
| SOC 220 ..... | Introduction to Social Work..... | 3 |

\*3-6 credits required. Students should consult with their assigned Student Success Coach when selecting their general education requirements, total credits needed may vary depending upon degree.

## C.SCIENCE AND MATHEMATICS

|               |                                                     |   |
|---------------|-----------------------------------------------------|---|
| BIO 100 ..... | Introducing Biology .....                           | 3 |
| BIO 102 ..... | Introduction to Biology .....                       | 4 |
| BIO 108.....  | Introduction to Evolution .....                     | 3 |
| BIO 109.....  | Introduction to Evolution Lab .....                 | 3 |
| BIO 110 ..... | Biology: A Cellular Approach.....                   | 5 |
| BIO 111 ..... | Biology: A Systems Approach.....                    | 5 |
| BIO 150 ..... | Heredity and Society .....                          | 3 |
| BIO 152 ..... | Anatomy and Physiology (Therapies).....             | 5 |
| BIO 202 ..... | Environmental Biology.....                          | 3 |
| BIO 203 ..... | Anatomy and Physiology I.....                       | 4 |
| BIO 204 ..... | Anatomy and Physiology II .....                     | 4 |
| BIO 212 ..... | Microbiology .....                                  | 4 |
| CHM 100 ..... | Fundamentals of Chemistry .....                     | 4 |
| CHM 101 ..... | Chemistry in Art .....                              | 4 |
| CHM 102 ..... | Introduction to Chemistry II .....                  | 4 |
| CHM 105 ..... | General Chemistry I .....                           | 5 |
| CHM 106 ..... | General Chemistry II.....                           | 5 |
| CHM 205 ..... | Organic Chemistry I .....                           | 5 |
| CHM 206 ..... | Organic Chemistry II .....                          | 5 |
| CPS 101 ..... | Information Technologies .....                      | 2 |
| CPS 111 ..... | Business Computer Systems.....                      | 3 |
| CPS 122 ..... | Multimedia Applications .....                       | 3 |
| CPS 200 ..... | C++ Programming .....                               | 3 |
| GEG 101 ..... | Physical Geography .....                            | 5 |
| GEL 101 ..... | Physical Geology .....                              | 4 |
| MAT 102 ..... | General Education Mathematics .....                 | 4 |
| MAT 105 ..... | College Algebra .....                               | 4 |
| MAT 110 ..... | College Trigonometry .....                          | 3 |
| MAT 120 ..... | Mathematics for Elementary School Teachers I .....  | 4 |
| MAT 121 ..... | Mathematics for Elementary School Teachers II ..... | 4 |
| MAT 124 ..... | Finite Mathematics.....                             | 4 |

C.SCIENCE AND MATHEMATICS (CONTINUED)

MAT 141 ..... Statistics.....4

MAT 150 ..... Pre-Calculus with Trigonometry.....5

MAT 181 ..... Discrete Mathematics .....3

MAT 201 ..... Calculus I.....5

MAT 202 ..... Calculus II .....5

MAT 203 ..... Calculus III .....4

MAT 215 ..... Differential Equations .....3

MAT 224 ..... Calculus for Business and Social Science.....4

PHS 101 ..... Astronomy .....3

PHS 103 ..... Physical Science I .....3

PHY 101 ..... General Physics I .....5

PHY 102 ..... General Physics II .....5

PHY 105 ..... Physics I .....5

PHY 205 ..... Physics II .....5

PHY 206 ..... Physics III.....5

\*4-7 credits required. Students should consult with their assigned Student Success Coach when selecting their general education requirements, total credits needed may vary depending upon degree.

D. HUMANITIES

ART 101 ..... Two-Dimensional Fundamentals.....3

ART 102 ..... Three-Dimensional Fundamentals .....3

ART 103 ..... Drawing I .....3

ART 104 ..... Drawing II .....3

ART 105 ..... Painting I.....3

ART 107 ..... Watercolor .....3

ART 111 ..... Sculpture I .....3

ART 113 ..... Ceramics I .....3

ART 115 ..... Photography I .....3

ART 116 ..... Photography II .....3

ART 117 ..... Digital Photography .....3

ART 120 ..... Art Appreciation .....3

ART 125 ..... Art History World Survey I Prehistoric to 15th Century.....3

ART 126 ..... Art History World Survey II 15th Century to Modern Art.....3

ART 130 ..... Introduction to Digital Art .....3

ART 131 ..... Graphic Design I .....3

ART 203 ..... Figure Drawing I.....3

ART 204 ..... Figure Drawing II.....3

ART 205 ..... Painting II.....3

ART 210\*..... Diverse Perspectives in American Art.....3

ART 211 ..... Sculpture II .....3

ART 213 ..... Ceramics II.....3

ART 217\*..... Indigenous Art .....3

ART 220\*..... Latin American Traditions in Art.....3

## D. HUMANITIES (CONTINUED)

|         |                                                       |   |
|---------|-------------------------------------------------------|---|
| ENG 211 | Introduction to Literature                            | 3 |
| ENG 215 | American Literature I                                 | 3 |
| ENG 216 | American Literature II                                | 3 |
| ENG 218 | * U.S. Latino/Hispanic Literature                     | 3 |
| HIS 103 | Early Western Civilization                            | 3 |
| HIS 104 | Modern Western Civilization                           | 3 |
| HUM 150 | Humanities Through the Arts                           | 3 |
| HUM 151 | Humanities Through History, Philosophy and Literature | 3 |
| HUM 153 | Survey of Film History                                | 3 |
| HUM 154 | Latin American Civilization and Culture               | 3 |
| MUS 100 | Music Appreciation                                    | 3 |
| MUS 101 | History of Music: Pre-Twentieth Century               | 3 |
| MUS 102 | History of Music: Twentieth Century                   | 3 |
| MUS 103 | Music of Multicultural America                        | 3 |
| MUS 106 | Trends in Modern American Music                       | 3 |
| MUS 108 | World Music Survey                                    | 3 |
| MUS 110 | Music Theory 1                                        | 3 |
| MUS 111 | Music Theory 2                                        | 3 |
| MUS 115 | Ear Training and Sight Singing I                      | 3 |
| MUS 116 | Ear Training and Sight Singing II                     | 3 |
| MUS 121 | College Choir                                         | 1 |
| MUS 122 | College Singers I                                     | 1 |
| MUS 123 | Popular Music Ensemble I                              | 1 |
| MUS 127 | Community Chorus                                      | 1 |
| MUS 128 | Symphonic Orchestra I                                 | 1 |
| MUS 129 | Concert Band I                                        | 1 |
| MUS 130 | Private Applied Piano Music Major I                   | 2 |
| MUS 131 | Private Applied Piano Music Minor I                   | 1 |
| MUS 160 | Private Applied Piano Music Major I                   | 1 |
| MUS 180 | Introduction to Media Production                      |   |
| MUS 210 | Music Theory 3                                        | 3 |
| MUS 211 | Music Theory 4                                        | 3 |
| MUS 215 | Ear Training and Sight Singing III                    | 1 |
| MUS 216 | Ear Training and Sight Singing IV                     | 1 |
| PHI 125 | World Religions in Global Context                     | 3 |
| PHI 126 | Introduction to Ethics                                | 3 |
| PHI 180 | Social Ethics                                         | 3 |
| PHI 201 | Philosophy                                            | 3 |
| PHI 202 | Introduction to Logic                                 | 3 |
| SPE 114 | Argumentation                                         | 3 |
| SPN 101 | Beginning Spanish I                                   | 4 |
| SPN 102 | Beginning Spanish II                                  | 4 |
| SPN 120 | Occupational Spanish I                                | 4 |
| SPN 121 | Spanish for Healthcare Professionals                  | 3 |
| SPN 130 | Spanish for Heritage Speakers                         | 4 |

**D. HUMANITIES (CONTINUED)**

SPN 201 ..... Intermediate Spanish I .....4

SPN 202 ..... Intermediate Spanish II.....3

SPN 215 ..... Spanish Conversation and Composition I.....3

SPN 216 ..... Spanish Conversation and Composition II.....4

SPN 220 ..... Culture and Civilization of Latin America.....3

SPN 225 ..... Spanish American Literature I .....3

SPN 226 ..... Spanish American Literature II.....3

THR 107 ..... Theatre Practice Seminar.....3

THR 108 ..... Theatre Experience .....3

THR 110 ..... Introduction to Theatre.....3

THR 112 ..... Theatre Practicum .....2

THR 113 ..... Summer Theatre Workshop .....2

THR 125 ..... Fundamentals of Acting .....3

\*3 credits required. Students should consult with their assigned Student Success Coach when selecting their general education requirements, total credits needed may vary depending upon degree.

**E. HEALTH, TECHNOLOGY AND COLLEGE READINESS**

CPS 101 ..... Information Technologies .....2

CPS 111 ..... Business Computer Systems.....3

CPS 122 ..... Multimedia Applications .....3

CPS 200 ..... C++ Programming .....3

CSS 100 ..... College Success Seminar .....2

PEC 101 ..... Adaptive Physical Education ..... 1

PEC 131 ..... Softball ..... 1

PEC 132 ..... Volleyball..... 1

PEC 133 ..... Power Volleyball..... 1

PEC 139 ..... Golf..... 1

PEC 140 ..... Golf II (Advanced)..... 1

PEC 155 ..... Aerobic Exercise ..... 1

**E. HEALTH, TECHNOLOGY AND COLLEGE READINESS (CONTINUED)**

PEC 158 ..... Basketball ..... 1

PEC 159 ..... Advanced Basketball ..... 1

PEC 171 ..... Physical Fitness ..... 1

PEC 172 ..... Advanced Physical Fitness..... 1

PEC 173 ..... Weight Training ..... 1

PEC 174 ..... Advanced Weight Training..... 1

PEC 175 ..... Circuit Training ..... 1

PEC 176 ..... Advanced Circuit Training..... 1

PEC 177 ..... Weight Control and Exercise..... 1

PEC 178 ..... Soccer..... 1

PEC 180 ..... Introduction to Physical Education .....2

PEC 181 ..... Jogging and Power Walking for Fitness..... 1

PEC 183 ..... Baseball..... 1

PEC 184 ..... Advanced Baseball ..... 1

PEC 190 ..... Sports Officiating .....2

PEC 200 ..... Leadership in Team and Individual Sports .....2

PEH 101 ..... Personal Community Health.....3

PEH 102 ..... First Aid .....2

PEH 103 ..... Nutrition.....3

PEH 104 ..... Foundations of Health/Physical Fitness .....3

PEH 105 ..... Wellness .....2

\*0-3 credits required. Students should consult with their assigned Student Success Coach when selecting their general education requirements, total credits needed may vary depending upon degree.

**OTHER REQUIREMENTS**

- Complete the specific program requirements listed under Career Curricula. Any substitution of courses requires written approval of the appropriate academic dean.
- Complete a minimum of half of all occupational course work in a specific program at Morton College.
- Students who place into ENG 086 or ENG 088 are required to take CSS 100. Students transferring 15 or more college-level credit hours (i.e. 100 level courses or above) to Morton College are excluded from this requirement.

# ACCOUNTING PROGRAM (ACC) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum prepares students for employment in accounting. Students will study accounting theory and procedures, cost accounting, income tax procedures and the application of Computer Information Systems to accounting problems.

| FIRST SEMESTER |                                     | CREDIT HOURS    |
|----------------|-------------------------------------|-----------------|
| BUS 101        | Financial Accounting.....           | 3               |
| BUS 111        | Principles of Business.....         | 3               |
| CPS 111        | Business Computer Systems.....      | 3               |
| MAT 105        | College Algebra .....               | 4               |
|                | General Education Requirements..... | 3               |
|                | .....                               | <b>Total 16</b> |

| SECOND SEMESTER |                                     |                 |
|-----------------|-------------------------------------|-----------------|
| BUS 102         | Managerial Accounting .....         | 3               |
| PSY 101*        | Introduction to Psychology.....     | 3               |
| BUS 106         | Principles of Finance .....         | 3               |
|                 | General Education Requirements..... | 3               |
|                 | Electives** .....                   | 3               |
|                 | .....                               | <b>Total 15</b> |

| THIRD SEMESTER |                                                |                 |
|----------------|------------------------------------------------|-----------------|
| BUS 202        | Intermediate Accounting I .....                | 3               |
| BUS 230        | Business Law and Contracts .....               | 3               |
| or             |                                                |                 |
| BUS 231        | Business Law and Commercial Transactions ..... | 3               |
| BUS 242        | Business Communications.....                   | 7               |
|                | General Education Requirements.....            | 7               |
|                | .....                                          | <b>Total 16</b> |

| FOURTH SEMESTER |                                          |                         |
|-----------------|------------------------------------------|-------------------------|
| BUS 201         | Cost Accounting.....                     | 3                       |
| BUS 203         | Intermediate Accounting II .....         | 3                       |
| BUS 253         | Successful Career & Life Strategies..... | 2                       |
|                 | General Education Requirements.....      | 3                       |
|                 | Electives** .....                        | 4                       |
|                 | .....                                    | <b>Total 15</b>         |
|                 | .....                                    | <b>Overall Total 62</b> |

NOTES:

\* This course may also be applied toward general education requirements.

\*\* Business electives are recommended.

Candidates for the Associate in Applied Science degree must earn a minimum of 23 credit hours in general education courses.

# ACCOUNTING PROGRAM (ACP)

## 30 CREDIT CAREER CERTIFICATE

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This curriculum prepares students for employment in accounting. Students will study accounting theory and procedures, cost accounting, income tax procedures and the application of Computer Information Systems to accounting problems.

| FIRST SEMESTER |                              | CREDIT HOURS   |
|----------------|------------------------------|----------------|
| BUS 101        | Financial Accounting .....   | 3              |
| BUS 111        | Principles of Business ..... | 3              |
|                |                              | <b>Total 6</b> |

| SECOND SEMESTER |                                 |                |
|-----------------|---------------------------------|----------------|
| BUS 102         | Managerial Accounting .....     | 3              |
| CPS 111         | Business Computer Systems ..... | 3              |
|                 |                                 | <b>Total 6</b> |

| THIRD SEMESTER |                                  |                |
|----------------|----------------------------------|----------------|
| BUS 202        | Intermediate Accounting I .....  | 3              |
| BUS 230        | Business Law and Contracts ..... | 3              |
|                | Electives .....                  | 3              |
|                |                                  | <b>Total 9</b> |

| FOURTH SEMESTER |                                  |                         |
|-----------------|----------------------------------|-------------------------|
| BUS 201         | Cost Accounting .....            | 3                       |
| BUS 203         | Intermediate Accounting II ..... | 3                       |
| BUS 106         | Principles of Finance .....      | 3                       |
|                 |                                  | <b>Total 9</b>          |
|                 |                                  | <b>Overall Total 30</b> |

# AUTOMOTIVE TECHNOLOGY (ATA) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum prepares students for employment as automotive technicians. Through classroom study of automotive principles combined with hands-on experience, students learn about design, function, diagnosis and proper repair procedures for all major systems related to the automobile. These include engines, engine controls, electrical, braking, steering, suspension and air conditioning systems, transmissions and transaxles.

| FIRST SEMESTER |                                      | CREDIT HOURS    |
|----------------|--------------------------------------|-----------------|
| ATM 101        | Automotive Engine Repair.....        | 5               |
| ATM 104        | Automotive Brakes .....              | 3               |
|                | General Education Requirements ..... | 6               |
|                | .....                                | <b>Total 14</b> |

| SECOND SEMESTER |                                          |                 |
|-----------------|------------------------------------------|-----------------|
| ATM 122         | Automotive Air Conditioning.....         | 3               |
| ATM 102         | Fuel Systems and Emission Controls ..... | 3               |
| ATM 105         | Automatic Transmissions .....            | 4               |
|                 | General Education Requirements .....     | 6               |
|                 | .....                                    | <b>Total 16</b> |

| THIRD SEMESTER |                                          |                 |
|----------------|------------------------------------------|-----------------|
| ATM 201        | Manual Transmissions and Transaxles..... | 3               |
| ATM 202        | Automotive Electrical Systems .....      | 4               |
| ATM 208        | Automotive Computer Systems .....        | 3               |
| PHS 103*       | Physical Science.....                    | 4               |
|                | General Education Requirements .....     | 2               |
|                | .....                                    | <b>Total 16</b> |

| FOURTH SEMESTER |                                                   |                         |
|-----------------|---------------------------------------------------|-------------------------|
| ATM 203         | Engine Performance .....                          | 5                       |
| ATM 206         | Steering and Suspension.....                      | 3                       |
| ATM 204         | Advanced Electrical Systems and Accessories ..... | 3                       |
| ATM 253         | Successful Career & Life Strategies.....          | 2                       |
|                 | General Education Requirements .....              | 5                       |
|                 | .....                                             | <b>Total 18</b>         |
|                 | .....                                             | <b>Overall Total 64</b> |

NOTES:  
\* This course may be applied toward general education requirements.

Candidates for the Associate in Applied Science degree must earn a minimum of 23 credit hours in general education courses.

# AUTOMOTIVE TECHNOLOGY

## AUTOMOTIVE TECHNOLOGY (ATC)

### 50 CREDIT CAREER CERTIFICATE

This curriculum prepares students for employment as automotive technicians. Through classroom study of automotive principles combined with hands-on experience, students learn about design, function, diagnosis and proper repair procedures for all major systems related to the automobile. It also prepares students for the National Institute for Automotive Service Excellence (ASE) certification exams. Students are encouraged to take specific ASE exams upon completion of related courses. Successful completion of these exams certifies the student as a Master Automobile Technician. This program is certified by the National Automotive Technicians Education Foundation (NATEF).

| FIRST SEMESTER  |                                                 | CREDIT HOURS            |
|-----------------|-------------------------------------------------|-------------------------|
| ATM 101         | Automotive Engine Repair .....                  | 5                       |
| ATM 104         | Automotive Brakes .....                         | 3                       |
| ATM 120         | Intro to Automotive Technology .....            | 3                       |
|                 |                                                 | <b>Total 11</b>         |
| SECOND SEMESTER |                                                 |                         |
| ATM 102         | Fuel Systems and Emission Controls .....        | 3                       |
| ATM 105         | Automatic Transmissions .....                   | 4                       |
| ATM 122         | Automotive Air Conditioning .....               | 3                       |
|                 | Automotive Elective .....                       | 2                       |
|                 |                                                 | <b>Total 12</b>         |
| THIRD SEMESTER  |                                                 |                         |
| ATM 201         | Manual Transmissions and Transaxles .....       | 3                       |
| ATM 202         | Automotive Electrical Systems .....             | 4                       |
| ATM 208         | Automotive Computer Systems .....               | 3                       |
| ATM 220         | Automotive Service I .....                      | 3                       |
|                 |                                                 | <b>Total 13</b>         |
| FOURTH SEMESTER |                                                 |                         |
| ATM 203         | Engine Performance .....                        | 5                       |
| ATM 204         | Advanced Electrical Systems & Accessories ..... | 3                       |
| ATM 206         | Steering and Suspension .....                   | 3                       |
| ATM 221         | Automotive Service II .....                     | 3                       |
|                 |                                                 | <b>Total 14</b>         |
|                 |                                                 | <b>Overall Total 50</b> |

# AUTOMOTIVE TECHNOLOGY ALTERNATIVE FUELS (CNG) 35 CREDIT CAREER CERTIFICATE

This curriculum provides students with the knowledge and skills needed to convert,maintain, diagnose and repair vehicles powered by alternative fuels. It also prepares students for the Automotive Service Excellence (ASE) exam for Light Vehicle Compressed Natural Gas. This program is certified by the National Automotive Technicians Education Foundation (NATEF).

| FIRST SEMESTER  |                                                             | CREDIT HOURS            |
|-----------------|-------------------------------------------------------------|-------------------------|
| ATM 102         | Fuel Systems and Emission Controls .....                    | 3                       |
| ATM 120         | Basic Vehicle Mechanics.....                                | 3                       |
| ATM 130         | Compressed Natural Gas Conversion .....                     | 4                       |
| ATM 140         | Introduction to Alternative Fuels .....                     | 2                       |
|                 |                                                             | <b>Total 12</b>         |
| SECOND SEMESTER |                                                             |                         |
| ATM 115         | Introduction to Electric and Hybrid Electric Vehicles ..... | 2                       |
| ATM 202         | Automotive Electrical Systems .....                         | 4                       |
| ATM 131         | Compressed Natural Gas/Advanced Diagnosis.....              | 3                       |
| ATM 208         | Automotive Computer Services.....                           | 3                       |
|                 |                                                             | <b>Total 12</b>         |
| THIRD SEMESTER  |                                                             |                         |
| ATM 203         | Engine Performance .....                                    | 5                       |
| ATM 230         | Electric Vehicle Conversion .....                           | 3                       |
| ATM 221         | Automotive Service II .....                                 | 3                       |
|                 |                                                             | <b>Total 11</b>         |
|                 |                                                             | <b>Overall Total 35</b> |

# AUTOMOTIVE TECHNOLOGY

## AUTOMOTIVE SERVICE (ATS)

### 19 CREDIT CAREER CERTIFICATE

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This curriculum prepares students for entry-level employment in automotive service. It provides the necessary knowledge and skills to service and maintain many systems of the automobile.

| FIRST SEMESTER |                                  | CREDIT HOURS   |
|----------------|----------------------------------|----------------|
| ATM 104        | Automotive Brakes .....          | 3              |
| ATM 120        | Basic Vehicle Mechanics.....     | 3              |
| ATM 122        | Automotive Air Conditioning..... | 3              |
| .....          |                                  | <b>Total 9</b> |

| SECOND SEMESTER |                                     |                         |
|-----------------|-------------------------------------|-------------------------|
| ATM 202         | Automotive Electrical Systems ..... | 4                       |
| ATM 206         | Steering and Suspension .....       | 3                       |
| ATM 221         | Advanced Automotive Service II..... | 3                       |
| .....           |                                     | <b>Total 10</b>         |
| .....           |                                     | <b>Overall Total 19</b> |

# AUTOMOTIVE TECHNOLOGY

## AUTOMOTIVE MOBILE ELECTRONICS (AME)

### 16 CREDIT CAREER CERTIFICATE

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This curriculum prepares students for entry-level employment as an Mobile Electronics Installer. Through classroom study and hands-on activities students learn how to properly install audio systems, alarm systems, remote start systems and the basics of video systems. This program prepares students for the Mobile Electronics Certified Professional Exam (MECP).

| FIRST SEMESTER |                                        | CREDIT HOURS   |
|----------------|----------------------------------------|----------------|
| ATM 202        | Automotive Electrical Systems .....    | 4              |
| ATM 205        | Mobile Electronics Installation I..... | 3              |
|                |                                        | <b>Total 7</b> |

| SECOND SEMESTER |                                                   |                         |
|-----------------|---------------------------------------------------|-------------------------|
| ATM 204         | Advanced Electrical Systems and Accessories ..... | 3                       |
| ATM 207         | Mobile Electronics Installation II.....           | 3                       |
| ATM 220         | Automotive Service I .....                        | 3                       |
|                 |                                                   | <b>Total 9</b>          |
|                 |                                                   | <b>Overall Total 16</b> |

# AUTOMOTIVE TECHNOLOGY MAINTENANCE AND LIGHT REPAIR (MLR) 16 CREDIT CAREER CERTIFICATE

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This curriculum prepares students for entry-level employment as automotive technicians or service departments of automobile companies. Through classroom study of automotive principles combined with hands-on experience, students learn about design, function, diagnosis and proper repair procedures. Upon successful completion students will earn Ford Training Credentials in the following areas: Brakes, Electrical, Air Conditioning, and Steering and Suspension.

| FIRST SEMESTER  |                                      | CREDIT HOURS            |
|-----------------|--------------------------------------|-------------------------|
| ATM 104         | Automotive Brakes .....              | 3                       |
| ATM 120         | Intro to Automotive Technology ..... | 3                       |
| ATM 122         | Automotive Air Conditioning .....    | 3                       |
|                 |                                      | <b>Total 9</b>          |
| SECOND SEMESTER |                                      |                         |
| ATM 202         | Automotive Electrical Systems .....  | 4                       |
| ATM 206         | Steering and Suspension .....        | 3                       |
|                 |                                      | <b>Total 7</b>          |
|                 |                                      | <b>Overall Total 16</b> |

# BUSINESS MANAGEMENT (BSM) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum prepares students for a business career immediately after graduation.It includes basic courses in accounting, economics, business and business law.

| FIRST SEMESTER |                                     | CREDIT HOURS    |
|----------------|-------------------------------------|-----------------|
| BUS 101        | Financial Accounting.....           | 3               |
| BUS 111        | Principles of Business.....         | 3               |
| MAT 105        | College Algebra .....               | 4               |
|                | General Education Requirements..... | 6               |
|                | .....                               | <b>Total 16</b> |

| SECOND SEMESTER |                                     |                 |
|-----------------|-------------------------------------|-----------------|
| BUS 102         | Managerial Accounting .....         | 3               |
| BUS 107         | Principles of Marketing.....        | 3               |
| BUS 106         | Principles of Finance.....          | 3               |
|                 | General Education Requirements..... | 6               |
|                 | .....                               | <b>Total 15</b> |

| THIRD SEMESTER |                                                   |                 |
|----------------|---------------------------------------------------|-----------------|
| BUS 230        | Business Law and Contracts .....                  | 3               |
| or             |                                                   |                 |
| BUS 231        | Business Law and Commercial Transactions .....    |                 |
| ECO 101        | * Macroeconomics - Principles of Economics I..... | 3               |
| BUS 242        | Business Communications.....                      | 3               |
|                | General Education Requirements.....               | 3               |
|                | Electives .....                                   | 3               |
|                | .....                                             | <b>Total 15</b> |

| FOURTH SEMESTER |                                                     |                         |
|-----------------|-----------------------------------------------------|-------------------------|
| BUS 208         | Principles of Management.....                       | 3                       |
| CPS 111         | Business Computer Systems.....                      | 3                       |
| BUS 253         | Successful Career & Life Strategies.....            | 2                       |
| ECO 102         | * Microeconomics - Principles of Economics II ..... | 3                       |
|                 | General Education Requirements.....                 | 5                       |
|                 | .....                                               | <b>Total 16</b>         |
|                 | .....                                               | <b>Overall Total 62</b> |

NOTES:  
 \* This course may be applied toward general education requirements.

Candidates for the Associate in Applied Science degree must earn a minimum of 23 credit hours in general education courses.

# BUSINESS MANAGEMENT CERTIFICATE (BSC)

## 30 CREDIT CAREER CERTIFICATE

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This certificate program will prepare students for a business career. It will include basic courses in accounting, economics, business and business law.

| FIRST SEMESTER |                             | CREDIT HOURS   |
|----------------|-----------------------------|----------------|
| BUS 101        | Financial Accounting.....   | 3              |
| BUS 111        | Principles of Business..... | 3              |
|                |                             | <b>Total 6</b> |

| SECOND SEMESTER |                                |                |
|-----------------|--------------------------------|----------------|
| BUS 102         | Managerial Accounting .....    | 3              |
| CPS 111         | Business Computer Systems..... | 3              |
|                 |                                | <b>Total 6</b> |

| THIRD SEMESTER |                                                 |                |
|----------------|-------------------------------------------------|----------------|
| ECO 101        | Principles of Economics I (Macroeconomics)..... | 3              |
| BUS 230        | Business Law and Contracts .....                | 3              |
|                | Electives .....                                 | 3              |
|                |                                                 | <b>Total 9</b> |

| FOURTH SEMESTER |                               |                         |
|-----------------|-------------------------------|-------------------------|
| BUS 208         | Principles of Management..... | 3                       |
| BUS 106         | Principles of Finance .....   | 3                       |
| BUS 107         | Principles of Marketing.....  | 3                       |
|                 |                               | <b>Total 9</b>          |
|                 |                               | <b>Overall Total 30</b> |

# COMPUTER AIDED DESIGN (MDT) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum prepares students for entry-level employment ranging from CAD operators to mechanical designers using AutoCAD software. Courses are taught in state-of-the-art facilities and feature the latest release of AutoCAD.

| FIRST SEMESTER |                                     | CREDIT HOURS    |
|----------------|-------------------------------------|-----------------|
| CAD 100        | Auto CAD Fundamentals .....         | 3               |
| CAD 101        | Fundamentals of Drafting.....       | 3               |
| CAD 102        | Descriptive Geometry .....          | 3               |
|                | Mathematics.....                    | 3               |
|                | General Education Requirements..... | 3               |
|                |                                     | <b>Total 15</b> |

| SECOND SEMESTER |                                       |                 |
|-----------------|---------------------------------------|-----------------|
| CAD 103         | Sheet Metal and Weldments .....       | 3               |
| CAD 104         | Assembly Drawings .....               | 3               |
| CAD 141         | Autodesk Productivity Essentials..... | 3               |
|                 | CAD Elective.....                     | 3               |
|                 | General Education Requirements.....   | 3               |
|                 |                                       | <b>Total 15</b> |

| THIRD SEMESTER |                                     |                 |
|----------------|-------------------------------------|-----------------|
| CAD 203        | Electronics Drafting .....          | 3               |
| CAD 205        | Mechanical Design.....              | 3               |
| CAD 220        | Autodesk Inventor.....              | 3               |
|                | CAD Elective.....                   | 3               |
|                | General Education Requirements..... | 3               |
|                |                                     | <b>Total 15</b> |

| FOURTH SEMESTER |                                     |                         |
|-----------------|-------------------------------------|-------------------------|
| CAD 215         | 3D Modeling .....                   | 3                       |
| CAD 225         | Industrial Applications .....       | 3                       |
| CAD 241         | AutoCAD Productivity .....          | 3                       |
| CAD 253         | Successful Career Strategies .....  | 2                       |
|                 | CAD Elective.....                   | 3                       |
|                 | General Education Requirements..... | 3                       |
|                 |                                     | <b>Total 17</b>         |
|                 |                                     | <b>Overall Total 62</b> |

NOTES:  
MAT 100 or any college level Math is required Students are encouraged to consult with the instructor or advisor about the availability and scheduling of these courses.

CAD Electives:

|         |                             |   |
|---------|-----------------------------|---|
| CAD 107 | 20/20 Kitchen Design .....  | 3 |
| CAD 117 | 3D Printing Basics .....    | 3 |
| CAD 127 | Solid Works Essentials..... | 3 |
| CAD 137 | Revit MEP Fundamentals..... | 3 |
| CAD 227 | Solid Works Assemblies..... | 3 |
| CAD 237 | Revit BIM Management.....   | 3 |

# COMPUTER AIDED DESIGN DRAFTING TECHNOLOGY (DTC) 21 CREDIT CAREER CERTIFICATE

This curriculum prepares students for entry-level employment in industrial drafting.  
Courses are offered evenings and weekends.

| FIRST SEMESTER  |                                 | CREDIT HOURS            |
|-----------------|---------------------------------|-------------------------|
| CAD 100         | AutoCAD Fundamentals .....      | 3                       |
| CAD 101         | Fundamentals of Drafting.....   | 3                       |
| CAD 102         | Descriptive Geometry .....      | 3                       |
|                 | Mathematics.....                | 3                       |
|                 | .....                           | <b>Total 12</b>         |
| SECOND SEMESTER |                                 |                         |
| CAD 103         | Sheet Metal and Weldments ..... | 3                       |
| CAD 104         | Assembly Drawings .....         | 3                       |
|                 | English/Speech.....             | 3                       |
|                 | .....                           | <b>Total 9</b>          |
|                 | .....                           | <b>Overall Total 21</b> |

NOTES:

Students are encouraged to select an English, speech and mathematics course meeting their needs.

Students are encouraged to consult with the instructor or advisor about the availability and scheduling of these courses.

# 3D CAD CERTIFICATE (CDC)

## 15 CREDIT HOUR CERTIFICATE

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This two-semester certificate is designed for current students, working drafters, designers and engineers in need of updating their knowledge, skills and/or resume.

| REQUIRED COURSES |                             | CREDIT HOURS            |
|------------------|-----------------------------|-------------------------|
| CAD 107          | 20/20 Kitchen Design .....  | 3                       |
| CAD 127          | Solid Work Essentials.....  | 3                       |
| CAD 137          | Revit MEP Fundamentals..... | 3                       |
| CAD 215          | 3-D Modeling.....           | 3                       |
| CAD 220          | Autodesk Inventor.....      | 3                       |
| .....            |                             | <b>Overall Total 15</b> |

# ARCHITECTURAL AUTODESK REVIT CERTIFICATE (ARC) 15 CREDIT HOUR CAREER CERTIFICATE

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This two-semester curriculum is designed for students or working professionals in need to learn and/or update their skills using Autodesk AutoCAD and Revit software's for Architectural Residential and Commercial Design. Including (MEP) Mechanical, Electrical, Plumbing and (BIM) Building Information Modeling Applications.

| FIRST SEMESTER  |                               | CREDIT HOURS            |
|-----------------|-------------------------------|-------------------------|
| CAD 100         | AutoCAD Fundamentals .....    | 3                       |
| CAD 137         | Revit MEP Fundamentals.....   | 3                       |
| CAD 138         | Revit Residential Design..... | 3                       |
| .....           |                               | <b>Total 9</b>          |
|                 |                               |                         |
| SECOND SEMESTER |                               |                         |
| CAD 237         | Revit BIM Management.....     | 3                       |
| CAD 238         | Revit Commercial Design.....  | 3                       |
| .....           |                               | <b>Total 6</b>          |
| .....           |                               | <b>Overall Total 15</b> |

# COMPUTER AIDED DESIGN TECHNOLOGY PROGRAM (CAD) 12 CREDIT CAREER CERTIFICATE

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This curriculum assists students in upgrading their CAD drafting skills, using the latest release of AutoCAD software.

| REQUIRED COURSES |                               | CREDIT HOURS            |
|------------------|-------------------------------|-------------------------|
| CAD 100          | AutoCAD Fundamentals .....    | 3                       |
| CAD 205          | Mechanical Design.....        | 3                       |
| CAD 215          | 3D Modeling .....             | 3                       |
| CAD 225          | Industrial Applications ..... | 3                       |
| .....            |                               | <b>Overall Total 12</b> |

NOTES:  
Students are encouraged to consult with the instructor or advisor about the availability and scheduling of these courses.

Candidates for the career certificate must earn a minimum of 12 credit hours as distributed above.

# COMPUTER INFORMATION SYSTEMS (CIS) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum prepares graduates for employment as computer support specialists in a business environment and is designed for learners planning to transfer to a four-year college or university. All students must complete 23 credit hours of general education courses.

| FIRST SEMESTER |                                   | CREDIT HOURS    |
|----------------|-----------------------------------|-----------------|
| BUS 111        | Principles of Business .....      | 3               |
| CPS 111        | Business Computer Systems .....   | 3               |
| CIS 105        | Introduction to Programming ..... | 3               |
| ENG 101        | Rhetoric I .....                  | 3               |
| MAT 105        | College Algebra or higher .....   | 4               |
|                |                                   | <b>Total 16</b> |

| SECOND SEMESTER |                                   |                 |
|-----------------|-----------------------------------|-----------------|
| CIS 102         | Career Essentials for CIS .....   | 3               |
| CIS 104         | CIS Fundamentals .....            | 3               |
| ENG 102         | Rhetoric II .....                 | 3               |
| MAT 181         | Discrete Math .....               | 3               |
|                 | Humanities/Fine Arts Course ..... | 3               |
|                 |                                   | <b>Total 15</b> |

| THIRD SEMESTER |                                        |                 |
|----------------|----------------------------------------|-----------------|
| CIS 132        | Introduction to Networking .....       | 3               |
| CIS 144        | Introduction to Python Coding .....    | 3               |
| CIS 220        | Systems Analysis .....                 | 3               |
| SPE 101        | Principles of Public Speaking .....    | 3               |
|                | Social/Behavioral Science Course ..... | 3               |
|                |                                        | <b>Total 15</b> |

| FOURTH SEMESTER |                                           |                         |
|-----------------|-------------------------------------------|-------------------------|
| CIS 116         | Introduction to HTML Coding .....         | 3                       |
| CIS 121         | Database Management .....                 | 3                       |
| CIS 170         | Introduction to Java .....                | 3                       |
| CIS 253         | Successful Career & Life Strategies ..... | 2                       |
|                 | Social/Behavioral Science Course .....    | 3                       |
|                 |                                           | <b>Total 14</b>         |
|                 |                                           | <b>Overall Total 60</b> |

NOTES:

\*These courses may be applied toward A.A.S. general education requirements.

Candidates for the Associate in Applied Science degree must earn a minimum of 23 credit hours in general education courses.

# COMPUTER INFORMATION SYSTEMS COMPUTER NETWORK SECURITY (CNS) ASSOCIATE IN APPLIED SCIENCE

This curriculum prepares graduates for employment as computer network security specialists in a business environment as it prepares learners for industry certification.

All students must complete 16 credit hours of general education courses.

| FIRST SEMESTER |                                            | CREDIT HOURS    |
|----------------|--------------------------------------------|-----------------|
| BUS 111        | Principles of Business .....               | 3               |
| CPS 111        | Business Computer Systems .....            | 3               |
| CIS 132        | Introduction to Networking .....           | 3               |
| CIS 180        | Computer Servicing-Hardware .....          | 3               |
| CIS 181        | Computer Servicing-Operating Systems ..... | 3               |
|                |                                            | <b>Total 15</b> |

| SECOND SEMESTER |                                            |                 |
|-----------------|--------------------------------------------|-----------------|
| CIS 165         | Fundamentals of Information Security ..... | 3               |
| CIS 175         | Cloud Computing .....                      | 3               |
| CIS 102         | Career Essentials for CIS .....            | 3               |
| ENG 101         | Rhetoric I .....                           | 3               |
| MAT 105         | College Algebra or higher .....            | 4               |
|                 |                                            | <b>Total 16</b> |

| THIRD SEMESTER |                                     |                 |
|----------------|-------------------------------------|-----------------|
| CIS 104        | CIS Fundamentals .....              | 3               |
| CIS 133        | Open Source Operating Systems ..... | 3               |
| CIS 144        | Introduction to Python Coding ..... | 3               |
| ENG 102        | Rhetoric II or                      |                 |
| SPE 101        | Principles of Public Speaking ..... | 3               |
|                | Humanities/Fine Arts Course .....   | 3               |
|                |                                     | <b>Total 15</b> |

| FOURTH SEMESTER |                                            |                         |
|-----------------|--------------------------------------------|-------------------------|
| CIS 136         | Identity Management .....                  | 4                       |
| CIS 233         | InfoSec Defenses & Incident Response ..... | 3                       |
| CIS 253         | Successful Career & Life Strategies .....  | 2                       |
| CIS 265         | CyberSec: Red Teaming .....                | 4                       |
|                 | Social/Behavioral Science Course .....     | 3                       |
|                 |                                            | <b>Total 16</b>         |
|                 |                                            | <b>Overall Total 62</b> |

NOTES:

\*These courses may be applied toward A.A.S. general education requirements.

Candidates for this Associate in Applied Science degree must earn a minimum of 16 credit hours in general education courses.

# COMPUTER INFORMATION SYSTEMS

## WEB DESIGN (WDA)

### ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum prepares students for entry-level employment as computer support specialists in the areas of Web Design and Multimedia and is designed for students planning to transfer to a four-year college or university. All students must complete 23 credit hours of general education courses\*.

| FIRST SEMESTER |                             | CREDIT HOURS    |
|----------------|-----------------------------|-----------------|
| CPS 111        | Business Computer Systems*  | 3               |
| CIS 103        | Introduction to Web Design  | 3               |
| CIS 105        | Introduction to Programming | 3               |
| ENG 101        | Rhetoric I*                 | 3               |
| MAT 105        | College Algebra or Higher*  | 4               |
|                |                             | <b>Total 16</b> |

| SECOND SEMESTER |                             |                 |
|-----------------|-----------------------------|-----------------|
| BUS 111         | Principles of Business      | 3               |
| CIS 102         | Career Essentials for CIS   | 3               |
| CIS 116         | Introduction to HTML Coding | 3               |
| ENG 102         | Rhetoric II*                | 3               |
| MAT 181         | Discrete Math*              | 3               |
|                 |                             | <b>Total 15</b> |

| THIRD SEMESTER |                                         |                 |
|----------------|-----------------------------------------|-----------------|
| CIS 144        | Introduction to Python Coding .....     | 3               |
| CIS 159        | Adobe Photoflash .....                  | 3               |
| CPS 122        | Multimedia Applications* .....          | 3               |
|                | Humanities Course* .....                | 3               |
|                | Social/Behavioral Science Course* ..... | 3               |
|                | .....                                   | <b>Total 15</b> |

| FOURTH SEMESTER |                                          |                         |
|-----------------|------------------------------------------|-------------------------|
| CIS 121         | Data Base Management .....               | 3                       |
| CIS 170         | Introduction to Java .....               | 3                       |
| CIS 253         | Successful Career & Life Strategies..... | 2                       |
| GSP 111         | Game Development Essentials.....         | 3                       |
|                 | Social/Behavioral Science Course* .....  | 3                       |
|                 | .....                                    | <b>Total 14</b>         |
|                 | .....                                    | <b>Overall Total 60</b> |

NOTES:

\*These courses may be applied toward A.A.S. general education requirements.

Candidates for the Associate in Applied Science degree must earn a minimum of 60 credit hours in general education courses.

# COMPUTER INFORMATION SYSTEMS CLOUD ESSENTIALS CERTIFICATE (CIS) 22 CREDIT CAREER CERTIFICATE

This 22 hour certificate is designed for students to gain knowledge and experience on how servers and software operate in the various cloud configurations.

| FIRST SEMESTER  |                                                | CREDIT HOURS            |
|-----------------|------------------------------------------------|-------------------------|
| CPS 111         | Business Computer Systems.....                 | 3                       |
| CIS 132         | Introduction to Networking.....                | 3                       |
| CIS 181         | Computer Servicing-Operating Systems .....     | 3                       |
| CPS 125         | Introduction to Artificial Intelligence* ..... | 3                       |
|                 |                                                | <b>Total 12</b>         |
|                 |                                                |                         |
| SECOND SEMESTER |                                                |                         |
| CIS 136         | Identity Management .....                      | 4                       |
| CIS 175         | Cloud Computing .....                          | 3                       |
| CPS 225         | Introduction to Project Management* .....      | 3                       |
|                 |                                                | <b>Total 10</b>         |
|                 |                                                | <b>Overall Total 22</b> |

NOTES:  
CIS 132, CIS 136, CIS 175, CIS 181 and CPS 111 are part of the CNS AAS Degree

# COMPUTER INFORMATION SYSTEMS COMPUTER SERVICE TECHNICIAN (CRT) 17 CREDIT CAREER CERTIFICATE

This curriculum prepares graduates for entry-level employment as computer service technicians as it prepares learners for industry certification.

| REQUIRED COURSES |                                            | CREDIT HOURS            |
|------------------|--------------------------------------------|-------------------------|
| CIS 102          | Career Essentials for CIS .....            | 3                       |
| CIS 104          | CIS Fundamentals .....                     | 3                       |
| CIS 180          | Computer Servicing-Hardware.....           | 3                       |
| CIS 181          | Computer Servicing-Operating Systems ..... | 3                       |
| CPS 111          | Business Computer Systems.....             | 3                       |
|                  | CIS Elective .....                         | 2                       |
|                  | .....                                      | <b>Overall Total 17</b> |

NOTES:  
Candidates for the career certificate must earn a minimum of 17 credit hours as distributed above.  
This career certificate can lead to the Computer Network Security Associates in Applied Science Degree

# COMPUTER INFORMATION SYSTEMS SIMULATION AND GAME DEVELOPMENT (GSP) 27 CREDIT CAREER CERTIFICATE

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This curriculum is designed to give students a basic understanding of the game and simulation programming development process. The career certificate can lead to the Associate in Applied Science degree in Computer Science or prepare students for transfer to a Bachelor's degree program in this specialty.

| FIRST SEMESTER  |                                   | CREDIT HOURS            |
|-----------------|-----------------------------------|-------------------------|
| CIS 105         | Introduction to Programming ..... | 3                       |
| CPS 111         | Business Computer Systems.....    | 3                       |
| CPS 122         | Multimedia Applications .....     | 3                       |
| MAT 105         | College Algebra .....             | 4                       |
|                 |                                   | <b>Total 13</b>         |
|                 |                                   |                         |
| SECOND SEMESTER |                                   |                         |
| CPS 200         | C++ Programming.....              | 3                       |
| GSP 111         | Game Development Essentials.....  | 3                       |
| MAT 181         | Discrete Mathematics. ....        | 3                       |
| PHY 101         | General Physics.....              | 5                       |
|                 |                                   | <b>Total 14</b>         |
|                 |                                   | <b>Overall Total 27</b> |

NOTES:  
Candidates for the career certificate must earn a minimum of 27 credit hours as distributed above.  
The career certificate can lead to the Computer Information Systems Associate in Applied Science degree or prepare students for transfer to a four-year college or university in this specialty.

# COMPUTER INFORMATION SYSTEMS

## WEB SITE & MULTIMEDIA DESIGN (WMD)

### 30 CREDIT CAREER CERTIFICATE

This curriculum is designed to provide students with the opportunity to learn the fundamentals of web site and multimedia development. Students will learn how to create and enhance web pages, designing Web sites using the tools of HTML, Java, multimedia design, and database applications.

| FIRST SEMESTER  |                                     | CREDIT HOURS            |
|-----------------|-------------------------------------|-------------------------|
| CIS 103         | Introduction to Web Design.....     | 3                       |
| CIS 144         | Introduction to Python Coding ..... | 3                       |
| CIS 159         | Adobe Photoflash .....              | 3                       |
| CPS 111         | Business Computer Systems.....      | 3                       |
| CPS 122         | Multimedia Applications .....       | 3                       |
|                 |                                     | <b>Total 15</b>         |
| SECOND SEMESTER |                                     |                         |
| BUS 111         | Principals of Business .....        | 3                       |
| CIS 116         | Introduction to HTML Coding.....    | 3                       |
| CIS 121         | Database Management.....            | 3                       |
| CIS 170         | Introduction to Java .....          | 3                       |
| GSP 111         | Game Development Essentials.....    | 3                       |
|                 |                                     | <b>Total 15</b>         |
|                 |                                     | <b>Overall Total 30</b> |

NOTES:

Candidates for the career certificate must earn a minimum of 30 credit hours as distributed above.

This career certificate can lead to the Web Design Associate in Applied Science degree.

# EARLY CHILDHOOD EDUCATION PROGRAM (ECE) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum provides the early childhood education professional with knowledge to care for children in child care centers, home child care, school-age programs, preschools, as well as assist in public schools using developmentally appropriate standards. The field of early childhood covers children, birth through eight years. You must be fingerprinted and have a background clearance to complete ECE 260 and work in child care in Illinois.

| FIRST SEMESTER |                                                 | CREDIT HOURS    |
|----------------|-------------------------------------------------|-----------------|
| ECE 100        | Early Childhood Growth and Development.....     | 3               |
| ECE 101        | Observation and Assessment of Children.....     | 3               |
| ECE 105        | Health, Safety and Nutrition for Children.....  | 3               |
| ECE 110        | Introduction to Early Childhood Education ..... | 3               |
|                | General Education Requirement.....              | 3               |
|                | .....                                           | <b>Total 15</b> |

| SECOND SEMESTER |                                    |                 |
|-----------------|------------------------------------|-----------------|
| ECE 115         | Family, School and Community ..... | 3               |
| ECE 120         | Language Arts for Children .....   | 3               |
| ENG 101         | Rhetoric I.....                    | 3               |
|                 | General Education Requirement..... | 4               |
|                 | General Education Requirement..... | 3               |
|                 | .....                              | <b>Total 16</b> |

| THIRD SEMESTER |                                       |                 |
|----------------|---------------------------------------|-----------------|
| ECE 125        | The Exceptional Child .....           | 3               |
| ECE 160        | Curriculum Planning for Children..... | 3               |
| ECE 200        | Play and Guidance of Children.....    | 3               |
|                | ECE Elective* .....                   | 3               |
|                | ECE Elective* .....                   | 3               |
|                | General Education Requirement.....    | 3               |
|                | .....                                 | <b>Total 18</b> |

| FOURTH SEMESTER |                                           |                         |
|-----------------|-------------------------------------------|-------------------------|
| ECE 260         | Early Childhood Education Internship..... | 3                       |
|                 | ECE Elective* .....                       | 3                       |
|                 | ECE Elective* .....                       | 3                       |
|                 | ECE General Education Requirement.....    | 3                       |
|                 | General Education Requirement.....        | 3                       |
|                 | .....                                     | <b>Total 15</b>         |
|                 | .....                                     | <b>Overall Total 64</b> |

**\*This Degree will allow the student to apply for one of the following:**

**Level IV ECE Credential**

**Level IV Infant/Toddler Credential**

**Level 1 Illinois Director Credential**

These credentials fit into the State of Illinois early childhood career lattice system and the ExcelRate Illinois, creating a seamless framework for professional development and promoting access to varied career opportunities in the early childhood field. To earn this credential, students must follow a prescribed course of study. Students should contact the Early Childhood Education Coordinator for further information about this credential and the courses they need to take in order to earn the credentials in addition to their degree.

|                                            |                                               |   |
|--------------------------------------------|-----------------------------------------------|---|
| *ECE Electives for Level IV ECE Credential |                                               |   |
| ECE 130                                    | Education Technology.....                     | 1 |
| ECE 164                                    | Creative Curriculum for Infants/Toddlers..... | 1 |
| ECE 202                                    | Math for Early Childhood.....                 | 3 |
| ECE 203                                    | Emerging Literacy in Children.....            | 3 |
| ECE 207                                    | Creative Expression for Children .....        | 3 |
| ECE 210                                    | Early Childhood Administration .....          | 3 |
| ECE 215                                    | The First Three Years of Life .....           | 3 |
| EDU 100                                    | Introduction to American Education .....      | 3 |

**\* Level IV Infant/Toddler Credential**  
**Must take ECE 215 The First Three Years of Life**  
**ECE 260 Internship must be done with Infants or Toddlers**

**\* Level I Illinois Director Credential**  
**Must take ECE 210 Early Childhood Administration**  
**ECE 130 Educational Technology**  
**SPE 101 Principles of Public Speaking**  
**ECE 260 Internship must be done twice and once with an Administrative role**

Notes: ECE 105 meets the Health and Physical Fitness general education requirement.  
 Students must complete all ECE courses with a minimum grade of “C”.

# EARLY CHILDHOOD EDUCATION PROGRAM

## EARLY CHILDHOOD EDUCATION (ECC)

### 30 CREDIT CAREER CERTIFICATE

This curriculum is designed for students wishing to prepare for entry-level positions in child care programs. It meets the minimal educational requirements established by the Illinois Department of Children and Family Services for an early childhood teacher who has obtained one year's experience in a licensed center.

| FIRST SEMESTER  |                                                  | CREDIT HOURS            |
|-----------------|--------------------------------------------------|-------------------------|
| ECE 100         | Early Childhood Growth and Development.....      | 3                       |
| ECE 101         | Observation and Assessment of Children.....      | 3                       |
| ECE 105         | Health, Safety and Nutrition for Children.....   | 3                       |
| ECE 110         | Introduction to Early Childhood Education .....  | 3                       |
| ECE 115         | Family, School and Community .....               | 3                       |
|                 |                                                  | <b>Total 15</b>         |
|                 |                                                  |                         |
| SECOND SEMESTER |                                                  |                         |
| ECE 120         | Language Arts for Children .....                 | 3                       |
| ECE 125         | The Exceptional Child .....                      | 3                       |
| ECE 202         | Math for Early Childhood.....                    | 3                       |
| OR              |                                                  |                         |
| MAT 120         | Mathematics for Elementary School Teachers ..... | 3                       |
| OR              |                                                  |                         |
| MAT 102         | General Education Mathematics .....              | 3                       |
| ENG 101         | Rhetoric I .....                                 | 3                       |
| PSY 101         | Intro to Psychology .....                        | 3                       |
|                 |                                                  | <b>Total 15</b>         |
|                 |                                                  | <b>Overall Total 30</b> |

NOTES:

This Certificate will allow students to apply for Level III ECE Illinois Gateways Credential.

These credentials fit into the State of Illinois early childhood career lattice and ExceleRate Illinois, creating a seamless framework for professional development and promoting access to varied career opportunities in the early childhood field. To earn this credential, students must follow the prescribed course of study. Students should contact the ECE Coordinator for further information and the courses they need to take.

# EARLY CHILDHOOD EDUCATION EARLY CHILDHOOD ASSISTANT (ECS) 18 CREDIT CAREER CERTIFICATE

This curriculum is designed to provide an early childhood caregiver with basic knowledge regarding child growth/development and developmentally appropriate programming.

| FIRST SEMESTER |                                             | CREDIT HOURS   |
|----------------|---------------------------------------------|----------------|
| ECE 100        | Early Childhood Growth and Development..... | 3              |
| ECE 101        | Observation and Assessment of Children..... | 3              |
| ECE 105        | Health, Safety, Nutrition for Children..... | 3              |
|                |                                             | <b>Total 9</b> |

| SECOND SEMESTER |                                                 |                         |
|-----------------|-------------------------------------------------|-------------------------|
| ECE 110         | Introduction to Early Childhood Education ..... | 3                       |
| ECE 115         | Family, School & Community.....                 | 3                       |
| ECE 125         | The Exceptional Child .....                     | 3                       |
|                 |                                                 | <b>Total 9</b>          |
|                 |                                                 | <b>Overall Total 18</b> |

This Certificate will allow the student to apply for the Level II ECE Illinois Gateway Credential. his credential fits into the State of Illinois early childhood career lattice system and the ExcelRate Illinois, creating a seamless framework for professional development and promoting access to varied career opportunities in the early childhood field. To earn this credential, students must follow a prescribed course of study. Students should contact the Early Childhood Education Coordinator for further information about this credential and the courses they need to take in order to earn the credentials in addition to their degree.

# EARLY CHILDHOOD EDUCATION

## EARLY CHILDHOOD AIDE (ECA)

### 12 CREDIT CAREER CERTIFICATE

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This curriculum is designed to provide an early childhood caregiver with basic knowledge regarding child growth/development and an overview of early childhood education field.

| FIRST SEMESTER |                                             | CREDIT HOURS   |
|----------------|---------------------------------------------|----------------|
| ECE 100        | Early Childhood Growth and Development..... | 3              |
| ECE 101        | Observation and Assessment of Children..... | 3              |
|                |                                             | <b>Total 6</b> |

| SECOND SEMESTER |                                                 |                         |
|-----------------|-------------------------------------------------|-------------------------|
| ECE 105         | Health, Safety and Nutrition for Children.....  | 3                       |
| ECE 110         | Introduction to Early Childhood Education ..... | 3                       |
|                 |                                                 | <b>Total 6</b>          |
|                 |                                                 | <b>Overall Total 12</b> |

NOTES:  
Students must complete all ECE courses with a minimum grade of “C”.

# EMERGENCY MEDICAL TECHNICIAN (EMT) 10 CREDIT HOUR CAREER CERTIFICATE

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This curriculum provides instruction for students up to the level of Emergency Medical Technician—Basic. The course emphasizes the skills and knowledge necessary to provide emergency medical care at the basic life support level. Forty hours of clinical experience is included as a course requirement. Upon successful completion of all requirements of the course, students are eligible to sit for the Illinois Department of Public Health EMT-B State Examination. This course may be used as an elective in the Fire Science Technology Program. This course is a prerequisite to the EMS – Paramedic program.

| FIRST SEMESTER |                                    | CREDIT HOURS          |
|----------------|------------------------------------|-----------------------|
| EMT101         | Emergency Medical Technician ..... | 10                    |
|                |                                    | .....Overall Total 10 |

# EMERGENCY MEDICAL SERVICES - PARAMEDIC (EMS) 48 CREDIT HOUR CAREER CERTIFICATE

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## OVERVIEW

The Paramedic Certificate program prepares students for advanced prehospital care, focusing on assessment, treatment, and transportation of patients. This accredited, hands-on program combines classroom instruction, lab simulation, and clinical/field internships to prepare graduates for the NREMT exam and careers in fire services or emergency medical services.

## PROGRAM PREREQUISITE COURSES

All candidates must currently hold a valid IDPH EMT-B license.

## ACCREDITATION AND LICENSURE

The Morton College Paramedic program has been issued a Letter of Review by the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). This letter is NOT a CAAHEP accreditation status; it is a status signifying that a program seeking initial accreditation has demonstrated sufficient compliance with the accreditation standards through the Letter of Review Self-Study Report (LSSR) and other documentation. Letter of Review is recognized by the National Registry of Emergency Medical Technicians (NREMT) for eligibility to take the National Registry's Paramedic credentialing examination(s). However, it is NOT a guarantee of eventual accreditation.

### To contact CoAEMSP:

214-703-8445

[www.coaemsp.org](http://www.coaemsp.org)

All students are eligible to challenge the NREMT after successfully completing the program requirements.

## CLINICAL REQUIREMENTS

Students are required to participate in clinical experiences that meet both accreditation standards and graduation requirements. These clinical experiences take place off-site, and students are responsible for their own transportation and any costs associated with participation. Before the start of clinical internships, students are required to complete a background check, 10-panel drug screening, physical exam, and other health requirements. A Social Security number is required to comply with the criminal background check.

## ADMISSION

The Paramedic Program admits students each fall semester. Admission is selective, and meeting the minimum requirements does not guarantee acceptance. Complete applications that satisfy program criteria and are submitted by the application deadline are reviewed based on program capacity. Candidates are then required to take a written exam and a practical exam. All scores are calculated, and the candidates with the top scores are selected for the opportunity to be admitted into the program. Provided all the above requirements are met.

For the most current information on admission requirements and the application process, applicants should visit the Paramedic Program webpage. Prospective students are strongly encouraged to meet with their Student Success Coach before applying. Once admitted, students are expected to comply with all policies and procedures outlined in the Paramedic Program Handbook.

## READMISSION

Students may be readmitted to the Paramedic program only once, and readmission is not guaranteed. Each student must reapply and challenge the entrance exam.

## ESSENTIAL FUNCTIONS

In accordance with the ADA standards, Morton and the Academy adapt and implement the following technical performance standards for all applicants and students. To qualify for certification and/or licensure, the student must complete a State-approved and CoAEMSP-accredited paramedic program. Students must achieve competency in each of the psychomotor skills. In addition, the student must achieve a passing score on the NREMT written certification exam to obtain an Illinois paramedic license.

Technical performance standards, which are different from academic standards, consist of the minimum physical, cognitive, and emotional requirements to provide reasonable assurances that students can complete the entire program of study and participate completely in training and practice. Acquisition of competencies is a lengthy and complex process and can be compromised by significant limitations on a student's ability to fully participate in the spectrum of experiences required in the program's curriculum.

The Morton program considers the well-being of patients with whom the student will come in contact, both before and after graduation, of the utmost importance. This well-being must never be compromised by any policy of the program. Quality of patient care is the benchmark for established requirements for the physical, cognitive, and emotional capabilities of applicants and students. Students must demonstrate the physical and technical capacity to perform all the essential functions of the paramedic profession during the program.

Students/paramedics must have somatic sensation and functional use of the senses of vision and hearing. Students' diagnostic skills will be lessened without the functional use of the senses of equilibrium, smell, etc. Additionally, students must have sufficient exteroceptive senses (touch, pain, temperature), sufficient senses (position, pressure, movement, vibratory), and sufficient motor function to permit them to carry out the activities described below. Students must be able to integrate all information received by whatever sense(s) employed, consistently, quickly, and accurately, and must have the intellectual ability to learn, integrate, analyze, and synthesize data.

Candidates for the EMS professions must have the following abilities and skills: observation, communication, motor, intellectual-conceptual, integrative, quantitative, and behavior/social attributes. Technological compensation, with documented ADA reasonable accommodation, can be made for disabilities in certain areas, but candidates should be able to perform in a safe, independent manner, with or without accommodation.

The following are considered Technical Performance Standards that are expected to be performed by the student throughout the program for the paramedicine profession:

To make proper clinical decisions, students/paramedics must be able to interpret written, oral, and diagnostic form instructions, other graphic images, and digital and analog representations of physiologic phenomena, such as ECGs with or without assistive devices. The functional use of vision is necessary.

# EMERGENCY MEDICAL SERVICES - PARAMEDIC (EMS) 48 CREDIT HOUR CAREER CERTIFICATE

This curriculum provides students with the foundational knowledge needed to pass the Paramedic licensing exam in the state of Illinois, as well as the ACLS, PHTLS, AMLS, and PALS courses. Course work will cover the human body systems, healthcare delivery, handling emergency medical situations, and the Emergency Medicine Services protocols and procedures.

| FIRST SEMESTER  |                                    | CREDIT HOURS            |
|-----------------|------------------------------------|-------------------------|
| EMT101          | Emergency Medical Technician ..... | 10                      |
|                 | .....                              | <b>Total 10</b>         |
| SECOND SEMESTER |                                    |                         |
| EMT102          | Paramedic I .....                  | 10                      |
| EMT103          | Paramedic II.....                  | 9                       |
|                 | .....                              | <b>Total 19</b>         |
| THIRD SEMESTER  |                                    |                         |
| EMT104          | Paramedic III.....                 | 9                       |
| EMT233          | Paramedic Field Experience .....   | 8                       |
| EMT237          | Paramedic Internship .....         | 2                       |
|                 | .....                              | <b>Total 19</b>         |
|                 | .....                              | <b>Overall Total 48</b> |

# FIRE SCIENCE TECHNOLOGY PROGRAM (FST)

## ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum educates students who seek a career as a firefighter and/or fire administrator. It serves students with no previous experience; those who may be presently employed; those seeking advancement in the fire service; or wanting to transfer to four-year college/university to obtain a Bachelor's Degree in Fire Administration. Students will learn about fire behavior characteristics, how to properly handle hazardous materials incidents, the extinguishment of various types of fires, proper instruction and training of fellow firefighters, leading and managing of fire companies with knowledge in tactical and strategic considerations during emergency incidents, as well as managing various operational aspects and organizations within the fire department.

| FIRST SEMESTER |                                                       | CREDIT HOURS    |
|----------------|-------------------------------------------------------|-----------------|
| FIR 100        | Principles of Emergency Services .....                | 3               |
| FIR 112        | Fire Prevention .....                                 | 3               |
| ENG 101        | Rhetoric I .....                                      | 3               |
| MAT 100        | Occupational Math .....                               | 3               |
|                | General Ed Social Science (PSY 101 recommended) ..... | 3               |
|                |                                                       | <b>Total 15</b> |

| SECOND SEMESTER |                                                       |                 |
|-----------------|-------------------------------------------------------|-----------------|
| FIR 170         | Principles of Fire and Emergency Safety .....         | 3               |
| FIR 230         | Fire Protection Systems .....                         | 3               |
|                 | General Ed Social Science (SOC 100 recommended) ..... | 3               |
| ENG 102         | Rhetoric II .....                                     | 3               |
| or              |                                                       |                 |
| SPE 101         | Principles of Public Speaking .....                   | 3               |
|                 | General Education Humanities .....                    | 3               |
|                 |                                                       | <b>Total 15</b> |

| THIRD SEMESTER |                                                 |                    |
|----------------|-------------------------------------------------|--------------------|
| FIR 240        | Building Construction for Fire Protection ..... | 3                  |
|                | General Education Science or Math .....         | 3-4                |
|                | FIR Elective .....                              | 3                  |
|                | FIR Elective .....                              | 3                  |
|                | FIR Elective .....                              | 3                  |
|                |                                                 | <b>Total 15-16</b> |

**FOURTH SEMESTER**

|         |                                   |                            |
|---------|-----------------------------------|----------------------------|
| FIR 270 | Fire Behavior and Combustion..... | 3                          |
|         | FIR Elective.....                 | 3                          |
|         | FIR Elective.....                 | 3                          |
|         | FIR Elective.....                 | 3                          |
|         | FIR Elective.....                 | 3                          |
|         | .....                             | <b>Total 15</b>            |
|         | .....                             | <b>Overall Total 60-61</b> |

**FIR Electives :**

- FIR 120 Hazardous Materials
- FIR 132 Tactics and Strategy I
- FIR 145\*\* Instructor I
- FIR 150 Introduction of Fire and Emergency Services Administration
- FIR 160 – Legal Aspects of the Fire Service
- FIR 180 Fire Investigation I
- FIR 190-Occupational Safety and Health for Fire Science
- FIR 245 Instructor II
- FIR 250 Fire Protection Hydraulics & Water Supply
- FIR 280 Fire Investigation II
- EMT 101 Emergency Medical Technician

# FIRE SCIENCE TECHNOLOGY PROGRAM

## FIRE INVESTIGATION SPECIALIST (FIS)

### 28 CREDIT CAREER CERTIFICATE

This Fire Investigation Specialist Certificate includes training in various categories of fire hazards, fuel and oxygen supply hazards, and analysis and identification of heat sources. Techniques and procedures used in fire investigation including cause and origin of fires, fire chemistry, fire behavior, structural fire patterns, detecting arson as cause of fire, and roles and responsibilities associated with an investigator and crime laboratories will be covered. This certificate will also include the study of building construction and its effects under fire conditions, and will address speaking to the public and compiling written reports upon interviewing witness for investigation of fire incidents. This certificate will assist established career, industrial fire protection, paid-on-call, or volunteer firefighters and emergency service personnel in promotional opportunities.

| FIRST SEMESTER  |                                                               | CREDIT HOURS            |
|-----------------|---------------------------------------------------------------|-------------------------|
| FIR 180         | Fire Investigation 1 .....                                    | 3                       |
| FIR 120         | Hazardous Materials .....                                     | 3                       |
| FIR 270         | Fire Behavior and Combustion (FC).....                        | 3                       |
| CHM 100         | Fundamentals of Chemistry .....                               | 4                       |
| ENG 101         | Rhetoric I.....                                               | 3                       |
|                 |                                                               | <b>Total 16</b>         |
| SECOND SEMESTER |                                                               |                         |
| FIR 150         | Introduction to Fire & Emergency Service Administration ..... | 3                       |
| FIR 240         | Building Construction for Fire Protection (FC) .....          | 3                       |
| FIR 180         | Fire Investigation 2 .....                                    | 3                       |
| SPE 101         | Principles of Public Speaking.....                            | 3                       |
|                 |                                                               | <b>Total 12</b>         |
|                 |                                                               | <b>Overall Total 28</b> |

NOTE:  
Students must complete all FIR courses with a minimum grade of "C."

(FC) Core Fire and Emergency Services Higher Education (FESHE) courses— FESHE courses, when passed with a 70% or better grade, are recorded on a National Fire Academy (NFA) transcript, and students also receive a certificate from the NFA for each FESHE-certified course they complete.

(NIMS) Students shall complete the National Incident Management System (NIMS) courses required by the Office of the State Fire Marshal & fire departments. When passed with a 70% or better grade, students also receive a certificate.

**FIRE SCIENCE TECHNOLOGY PROGRAM**  
**FIRE PREVENTION SPECIALIST (FPS)**  
**24 CREDIT CAREER CERTIFICATE**

This Fire Prevention Specialist Certificate includes training in hazardous materials, and proper storage and protection from these hazards in occupancies. Courses will explore the study of the various agents used in fixed extinguishing systems, various alarm systems and detection components within an occupancy, fire safety codes associated with various occupancy classifications, and building construction pertaining life and fire safety. Training in understanding how to interpret and apply building codes from various building code manuals, and understanding and identifying fire safety components incorporated into a blue print is also included. Course content will also address dealing with and speaking to the public when handling with fire safety matters, along with proper report writing for liability purposes. This certificate will assist established career, industrial fire protection, paid-on-call, or volunteer firefighters and emergency service personnel in promotional opportunities.

| FIRST SEMESTER  |                                                               | CREDIT HOURS            |
|-----------------|---------------------------------------------------------------|-------------------------|
| ENG 101         | Rhetoric I .....                                              | 3                       |
| FIR 112         | Fire Prevention (FC) .....                                    | 3                       |
| FIR 120         | Hazardous Materials .....                                     | 3                       |
| FIR 250         | Fire Protection Hydraulics & Water Supply .....               | 3                       |
|                 |                                                               | <b>Total 12</b>         |
| SECOND SEMESTER |                                                               |                         |
| FIR 150         | Introduction to Fire & Emergency Service Administration ..... | 3                       |
| FIR 240         | Building Construction for Fire Protection (FC) .....          | 3                       |
| FIR 230         | Fire Protection Systems (FC) .....                            | 3                       |
| SPE 101         | Principles of Public Speaking .....                           | 3                       |
|                 |                                                               | <b>Total 12</b>         |
|                 |                                                               | <b>Overall Total 24</b> |

NOTE:  
Students must complete all FIR courses with a minimum grade of "C."

(FC) Core Fire and Emergency Services Higher Education (FESHE) courses— FESHE courses, when passed with a 70% or better grade, are recorded on a National Fire Academy (NFA) transcript, and students also receive a certificate from the NFA for each FESHE-certified course they complete.

(NIMS) Students shall complete the National Incident Management System (NIMS) courses required by the Office of the State Fire Marshal & fire departments. When passed with a 70% or better grade, students also receive a certificate.

# HEATING, VENTILATION AND AIR CONDITIONING (HVA) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum provides students with the necessary skills for entry-level technical positions in the Heating, Ventilation and Air Conditioning industry. Graduates will be trained for employment as installers, service technicians, building maintenance craftsmen and counter sales personnel.

| FIRST SEMESTER |                                          | CREDIT HOURS    |
|----------------|------------------------------------------|-----------------|
| HVA 101        | Basic Refrigeration .....                | 3               |
| HVA 102        | Basic Heating and Air Conditioning ..... | 3               |
| HVA 110        | Electricity for HVAC/R .....             | 3               |
| MAT 100        | Occupational Mathematics .....           | 3               |
|                | General Education Requirements .....     | 4               |
|                | .....                                    | <b>Total 16</b> |

| SECOND SEMESTER |                                                 |                 |
|-----------------|-------------------------------------------------|-----------------|
| HVA 103         | Intermediate Refrigeration .....                | 3               |
| HVA 104         | Intermediate Heating and Air Conditioning ..... | 3               |
| HVA 120         | Basic Sheet Metal Fabrication .....             | 3               |
| PHS 103*        | Physical Science I .....                        | 4               |
|                 | General Education Requirements .....            | 3               |
|                 | .....                                           | <b>Total 16</b> |

| THIRD SEMESTER |                                               |                 |
|----------------|-----------------------------------------------|-----------------|
| HVA 105        | Basic HVAC Controls .....                     | 3               |
| HVA 201        | Commercial Refrigeration .....                | 3               |
| HVA 202        | Heat Load Calculation and System Design ..... | 3               |
|                | General Education Requirements .....          | 4               |
|                | .....                                         | <b>Total 13</b> |

| FOURTH SEMESTER |                                                     |                         |
|-----------------|-----------------------------------------------------|-------------------------|
| HVA 203         | Commercial Air Conditioning and Refrigeration ..... | 3                       |
| HVA 204         | Hydronic Comfort Systems .....                      | 3                       |
| HVA 206         | Refrigerant Handling/EPA Exam Review .....          | 3                       |
| HVA 253         | Successful Career & Life Strategies .....           | 2                       |
|                 | General Education Requirements .....                | 6                       |
|                 | .....                                               | <b>Total 17</b>         |
|                 | .....                                               | <b>Overall Total 62</b> |

NOTES:

We suggest that all HVAC program students successfully complete the commercial refrigeration and residential heating/air conditioning competency exams offered by the Air Conditioning and Refrigeration Institute. We strongly recommend students seeking employment in the HVAC industry successfully complete a refrigerant handling certification exam administered by an EPA recognized testing organization.

\* This course may be applied toward general education credits and are suggested as the minimum course requirement for graduating students.

# HEATING, VENTILATION AND AIR CONDITIONING (HVC) 30 CREDIT CAREER CERTIFICATE

This curriculum provides students with the skills required for entry-level positions in the Heating, Ventilation, Air Conditioning, and Refrigeration Industry. Graduates will be trained to assist installers, service technicians and building maintenance craftsmen.

| FIRST SEMESTER |                                           | CREDIT HOURS    |
|----------------|-------------------------------------------|-----------------|
| HVA 101        | Basic Refrigeration.....                  | 3               |
| HVA 102        | Basic Heating and Air Conditioning .....  | 3               |
| HVA 105        | Basic HVAC Controls .....                 | 3               |
| HVA 110        | Electricity for HVAC/R .....              | 3               |
| HVA 202        | Heat Load Calculation/System Design ..... | 3               |
|                |                                           | <b>Total 15</b> |

| SECOND SEMESTER |                                                 |                         |
|-----------------|-------------------------------------------------|-------------------------|
| HVA 103         | Intermediate Refrigeration .....                | 3                       |
| HVA 104         | Intermediate Heating and Air Conditioning ..... | 3                       |
| HVA 120         | Basic Sheet Metal Fabrication .....             | 3                       |
| HVA 204         | Hydronic Comfort Systems .....                  | 3                       |
| HVA 206         | Refrigerant Handling/EPA Exam Review .....      | 3                       |
|                 |                                                 | <b>Total 15</b>         |
|                 |                                                 | <b>Overall Total 30</b> |

NOTES:

We suggest that all HVAC certificate program students successfully complete the residential heating/air conditioning competency exams offered by the Air Conditioning and Refrigeration Institute. Students seeking employment in the HVAC industry are required to complete a refrigerant handling certification exam administered by an EPA recognized testing organization.

# CRIMINAL JUSTICE (CJD) ASSOCIATE IN APPLIED SCIENCE DEGREE

This curriculum trains students for a career as law officers at the city, state or federal levels or in retail or industrial security. It serves students with no previous experience; those presently employed; or those seeking advancement.

| FIRST SEMESTER |                                                 | CREDIT HOURS    |
|----------------|-------------------------------------------------|-----------------|
| LAW 101        | Introduction to Law Enforcement .....           | 3               |
| LAW 102        | Local Organized Crime and Law Enforcement ..... | 3               |
|                | General Education Requirements .....            | 10              |
|                |                                                 | <b>Total 16</b> |

| SECOND SEMESTER |                                          |                 |
|-----------------|------------------------------------------|-----------------|
| LAW 104         | Police Operations and Procedures I ..... | 3               |
| LAW 105         | Introduction to Corrections .....        | 3               |
| SOC 100*        | Introduction to Sociology .....          | 3               |
|                 | General Education Requirements .....     | 8               |
|                 |                                          | <b>Total 17</b> |

| THIRD SEMESTER |                                                   |                 |
|----------------|---------------------------------------------------|-----------------|
| LAW 201        | Traffic Enforcement and Crash Investigation ..... | 3               |
| LAW 202        | Juvenile Delinquency .....                        | 3               |
| LAW 204        | Criminal Law I .....                              | 3               |
| LAW 209        | Introduction for Forensics .....                  | 3               |
| PSY 101*       | Introduction to Psychology .....                  | 3               |
|                |                                                   | <b>Total 15</b> |

| FOURTH SEMESTER |                                              |                         |
|-----------------|----------------------------------------------|-------------------------|
| LAW 205         | Criminal Law II .....                        | 3                       |
| LAW 206         | Introduction to Criminal Investigation ..... | 3                       |
| LAW 207         | Court Room Procedures and Evidence .....     | 3                       |
| LAW 208         | Police Organization and Administration ..... | 3                       |
| LAW 210         | Cold Case Investigation .....                | 3                       |
|                 |                                              | <b>Total 15</b>         |
|                 |                                              | <b>Overall Total 63</b> |

NOTES:

\* These courses may also be applied toward general education requirements.  
Candidates for the Associate in Applied Science degree must earn a minimum of 23 credit hours in general education courses.

# CRIMINAL JUSTICE CERTIFICATE (CRJ) CAREER CERTIFICATE

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Criminal Justice Certificate students would complete 21 credits composed of the most essential Law Enforcement Courses. Students would be prepared for an entry level position with a law enforcement department. The Criminal Justice Certificate can be applied towards a Criminal Justice Associates Degree.

| FIRST SEMESTER |                                          | CREDIT HOURS   |
|----------------|------------------------------------------|----------------|
| Law 101        | Introduction to Law Enforcement .....    | 3              |
| Law 104        | Police Operations and Procedures I ..... | 3              |
| Law 105        | Introduction to Corrections .....        | 3              |
| .....          |                                          | <b>Total 9</b> |

| SECOND SEMESTER |                                                    |                         |
|-----------------|----------------------------------------------------|-------------------------|
| Law 201         | Traffic Enforcement and Crash Investigations ..... | 3                       |
| Law 204         | Criminal Law 1 .....                               | 3                       |
| Law 206         | Intro to Criminal Investigations .....             | 3                       |
| Law 211         | Vulnerable Populations and Law Enforcement.....    | 3                       |
| .....           |                                                    | <b>Overall total 21</b> |

# MUSIC PRODUCTION CERTIFICATE (MPC)

This curriculum prepares students for entry-level employment as a sound engineering technician or an audio-visual technician. Sound engineering and audio/visual technicians work in a variety of different business and nonprofit settings, including film, television, video, and theatre enterprises, universities and colleges, sound recording studios, and religious organizations. The Certificate in Music Production includes a combination of required music technology and general education courses, as well as elective music theory and practices courses, designed to prepare students for employment in organizations which use music or sound for commercial or operational purposes. The program includes both theoretical instruction and practical recording studio experience on the Morton College campus as well as internship affiliations in area business or nonprofit settings.

| FIRST SEMESTER  |                                         | CREDIT HOURS               |
|-----------------|-----------------------------------------|----------------------------|
| MUS 110         | Theory I .....                          | 3                          |
| MUS 112         | Keyboard Musicianship I .....           | 1                          |
| MUS 115         | Ear Training I .....                    | 1                          |
| MUS 180         | Introduction to Media Production .....  | 3                          |
|                 |                                         | <b>Total 8</b>             |
| SECOND SEMESTER |                                         |                            |
| MUS 111         | Theory II.....                          | 3                          |
| MUS 116         | Ear Training and Sight Singing II ..... | 1                          |
| MUS 117         | Keyboard Musicianship II .....          | 1                          |
| MUS 181         | Music Production I.....                 | 3                          |
|                 |                                         | <b>Total 8</b>             |
| THIRD SEMESTER  |                                         |                            |
| MUS 182         | Music Production II .....               | 3                          |
| MUS 280         | Music Production for Media .....        | 3                          |
| MUS 281         | Live Sound Recording.....               | 3                          |
|                 |                                         | <b>Total 9</b>             |
| FOURTH SEMESTER |                                         |                            |
| MUS 282         | Music Production Internship.....        | 1-4                        |
|                 |                                         | <b>Overall Total 26-29</b> |

# NURSING ASSISTANT (NUA) 7 CREDIT CAREER CERTIFICATE

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## OVERVIEW

The Nursing Assistant Program prepares students with the knowledge and skills necessary to perform basic care services for a patient (acute care setting) or resident (long-term care setting). The program trains students to function in the role of nursing assistant under the supervision of a registered nurse (RN) or licensed practical nurse (LPN). This program is approved by the Illinois Department of Public Health (IDPH). Individuals completing the program and meeting eligibility requirements for certification can continue in nursing or other health careers. For specific requirements regarding certification, including residency or employment provisions, contact: IDPH, 535 W. Jefferson Street, Springfield, IL 62761, (217) 782-4997, [www.idph.state.il.us](http://www.idph.state.il.us).

The basic nursing assistant proficiency examination is the State-approved competency evaluation, with both written and manual skills components. The course requires the student to complete classroom lecture/lab hours, perform clinical hours in accordance with IDPH requirements, and successfully demonstrate 21 manual patient/resident care skills. Students must also attend a 2-hour orientation before the class begins.

## PROGRAM PREREQUISITE COURSES

This course does not have prerequisite courses.

## ACCREDITATION AND LICENSURE

The Nursing Assistant program is accredited by the Illinois Department of Public Health. Add the same info as listed on Page 3 of the catalog (IDPH info).

After successful completion of the course, students will be eligible to take the Illinois Nurse Aide Competency Exam in Illinois. Each student must be in compliance with criteria for state certification, which includes a cleared state background check without disqualifying convictions, and a passing score on the Illinois Nurse Aide Competency Exam. Students are responsible for scheduling and purchasing their seat for the Illinois Nurse Aide Competency Exam.

## CLINICAL REQUIREMENTS

Students are required to participate in clinical experiences that meet both accreditation standards and state graduation requirements. These clinical experiences take place off-site, and students are responsible for their own transportation and any costs associated with participation. Prior to the start of clinical internships, students are required to complete a background check, 10-panel drug screening, physical exam, and other health requirements. A social security number is required to comply with the Health Care Worker Background Check. See the Basic Nursing Assistant Training Handbook for more information.

## ADMISSION

Students are admitted into the Nursing Assistant Program every semester. All prospective students must meet the requirements listed on the nursing assistant department website in order to be considered for admission. Admission to the program is highly competitive and enrollments are limited each year. All admission requirements must be met for enrollment consideration. Students accepted in the Nursing Assistant Program are held accountable to the current policies and procedures outlined in the Handbook for the Basic Nursing Assistant Training Program (found on the department website).

Admission is selective, and meeting the minimum requirements does not guarantee acceptance. All admission requirements must be completed prior to final acceptance. Preference is given to in-district applicants and residents from districts with a current Joint Agreement with Morton College. Complete applications that meet program requirements and are submitted by the application deadline will be considered based on program capacity. For the most up-to-date admission information for the current application cycle, visit the program webpage.

**ESSENTIAL FUNCTIONS**

The curriculum leading to the nursing assistant requires students to engage in diverse, complex experiences essential to the acquisition and practice of essential nursing assistant skills and functions. Unique combinations of cognitive, affective, psychomotor, physical, and social abilities are required to satisfactorily perform these functions. In addition to being essential to the successful completion of the requirements of the nursing assistant, these functions are necessary to ensure the health and safety of clients, fellow students, faculty, and other healthcare providers. Please refer to the program website to find additional information about the program, current program handbooks, and current admission cycle requirements.

**NURSING ASSISTANT PROGRAM**

**FIRST SEMESTER**

**CREDIT HOURS**

|         |                                        |                             |
|---------|----------------------------------------|-----------------------------|
| NUR 105 | Basic Nursing Assistant Training ..... | 7                           |
|         | .....                                  | <b>TOTAL CREDIT HOURS 7</b> |

\*All nursing courses should be completed with a “C” or better to sit for State exam.

# NURSING

## ASSOCIATE IN APPLIED SCIENCE DEGREE

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### OVERVIEW

The Nursing Program is designed for students seeking an Associate Degree in Nursing. Students who complete the Associate of Applied Science (A.A.S) degree in Nursing are eligible to sit for the National Council Licensure Examination for Registered Nurses (NCLEX/RN). Completion of the program does not guarantee licensure.

Congruent with the mission of Morton College, the nursing program's mission is to provide exemplary teaching and learning experiences in preparing professional nurses for ethical practice and community service with a commitment to life-long learning. The Morton College nursing program believes that the education of pre-licensure nurses is accomplished through an understanding of the needs of the adult learner and by applying the principles of evidence-based teaching practices. To achieve this, the faculty and students are dedicated to creating educational experiences that encompass:

- › Caring and compassion
- › Ethics and integrity
- › Diversity
- › Human dignity and social justice
- › Inquiry and critical thinking
- › Communication and collaboration
- › Accountability and responsibility
- › Life-long learning

Professional nursing practice is both an art and a science that provides care in varied healthcare systems centered on individuals, families, communities, and populations encompassing:

- › Evidence-based best practices
- › Safety and quality improvement
- › Informatics and technology
- › Advocacy
- › Communication and collaboration
- › Provision of education
- › Wellness promotion, injury prevention, and disease management

### PROGRAM PREREQUISITE COURSES

Successful completion of the following college courses with a minimum grade of "C" in each, by the end of the spring semester of the application cycle in which the applicant applies. Note: These courses may be completed before the program or during the Summer. But they must be completed before graduation. Science prerequisites must be current within the past 7 years.

## **PRE-ADMISSION REQUIREMENTS**

- › ENG 101-Rhetoric I (3 credits) or equivalent
- › PSY 101-Introduction to Psychology (3 credits) or equivalent
- › BIO 203-Anatomy and Physiology 1 (4 credits) or equivalent

## **REQUIRED PROGRAM COURSES**

- › ENG 102-Rhetoric II (3 credit hours)
- › BIO 204-Anatomy and Physiology II (4 credit hours)
- › PSY 215- Life Span of Human Development (3 credit hours)
- › BIO 212-Microbiology (4 credit hours)
- › HUM-Humanities (3 credit hours)

## **ACCREDITATION AND LICENSURE**

The Nursing program is accredited by the Accreditation Commissions of Education in Nursing (ACEN), 3390 Peachtree Road NE, Suite 1400. Atlanta, GA 30326. (404) 975-5000; Licensure in Illinois is controlled by the Illinois Department of Financial and Professional Regulation, Division of Professional Regulation, 320 West Washington St., Springfield, IL 62786; (217) 785-0800 or (217) 782-8556; [www.idfpr.com](http://www.idfpr.com). Applicants with a conviction for a felony or misdemeanor may have difficulty obtaining a Nursing license in Illinois. It is each student's responsibility to determine whether they comply with all criteria for state licensure.

## **CLINICAL REQUIREMENTS**

Students are required to participate in clinical experiences that meet both accreditation standards and state graduation requirements. These clinical experiences take place off-site, and students are responsible for their own transportation and any costs associated with participation. Before the start of clinical internships, students are required to complete a background check, 10-panel drug screening, physical exam, and other health requirements. A Social Security number is required to comply with the criminal background check.

Part of the learning experience involves direct patient care. Each student is held personally accountable for meeting specific health requirements to ensure the well-being of patients, staff, and other individuals, and to foster self-care behaviors.

## **ADMISSION**

The Nursing Program admits students each fall semester. Admission is selective, and meeting the minimum requirements does not guarantee acceptance. Complete applications that satisfy program criteria and are submitted by the application deadline are considered based on program capacity. Preference is given to in-district applicants and residents from districts that have a current Joint Agreement with Morton College. Applications are not carried over to subsequent years.

For the most current information on admission requirements and the application process, applicants should visit the Nursing Program webpage. Prospective students are strongly encouraged to meet with their Student Success Coach before applying. Once admitted, students are expected to comply with all policies and procedures outlined in the Nursing Program Handbook.

## **READMISSION**

Students may be readmitted to the PTA program only once, and readmission is not guaranteed.

## **ESSENTIAL FUNCTIONS**

The Nursing Program requires students to develop and demonstrate a set of essential skills critical to the practice of a registered nurse. These skills encompass a unique combination of cognitive, affective, psychomotor, physical, and social abilities, all of which are necessary to perform Nursing functions safely and effectively. Mastery of these skills ensures the health and safety of clients, fellow students, faculty, and other healthcare providers, while supporting student competence in a complex and demanding healthcare discipline. Successful demonstration of these essential skills is required for both admission to and continued enrollment in the Morton College Nursing Program. The Essential Skills for Nursing could be found in the Nursing Student Handbook. The essential abilities are listed on the department website under Essential Functions.

<https://www.morton.edu/academics/programs/nursing/nursing-student-checklist/essential-abilities-of-nursing/>

For more information about the Physical Therapist Assistant program, please visit the program webpage.

## **OPTIONAL LPN-RN BRIDGE PROGRAM**

Students with an undisciplined Illinois LPN license may apply for admission into the LPN-RN Bridge Program. All prerequisites must be completed before entering the LPN Bridge Program. Upon successful completion of the course (NUR 201) students join the RN program in the third and fourth semesters.

NUR 201 is an 8-credit hour course which was developed to incorporate all the major concepts of theory, lab and clinical of the first and second semesters in the current Associate of Applied Science degree in Nursing. This course holds students accountable for learning using the same rigor as traditional students and incorporates the LPN's current knowledge. In doing so, levels of progression are maintained thus preparing the students to be successful in the third and fourth semesters.

# NURSING: A CAREER LADDER PRACTICAL NURSE CERTIFICATE AND ASSOCIATE IN APPLIED SCIENCE DEGREE IN NURSING

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The Nursing Program is developed around a career ladder concept. All students are admitted as a Registered Nurse Associate Degree nursing student. Those completing the first year in two consecutive semesters of the Associate Degree Nursing curriculum may choose to exit as a practical nurse or continue on into the second year of the ADN (RN) program.

The program leading to the certificate of Practical Nurse is approved by the I.D.P.R. Completion of the PN program does not guarantee licensure. For specific licensure requirements, including residency or employment requirements, please contact the Illinois Department of Financial and Professional Regulation, 100 W. Randolph, Suite 9-300, Chicago, IL 60601, (312) 814-2715, [www.idfpr.com](http://www.idfpr.com)

| LICENSED PRACTICAL NURSE CERTIFICATE PROGRAM – FIRST YEAR |                                   |
|-----------------------------------------------------------|-----------------------------------|
| PREADMISSION REQUIREMENTS                                 | CREDIT HOURS                      |
| BIO 203                                                   | Anatomy and Physiology I..... 4   |
| PSY 101                                                   | Introduction to Psychology..... 3 |
| ENG 101                                                   | Rhetoric I..... 3                 |
|                                                           | ..... <b>Total 10</b>             |

| FALL SEMESTER* |                                      |
|----------------|--------------------------------------|
| NUR 107        | Foundations of Nursing I..... 4      |
| NUR 108        | Foundations of Nursing II..... 5     |
| BIO 204        | Anatomy and Physiology II..... 4     |
| NUR 110        | Clinical Judgement in Nursing..... 2 |
|                | ..... <b>Total 15</b>                |

| SPRING SEMESTER |                                         |
|-----------------|-----------------------------------------|
| NUR 115         | Obstetrics and Pediatric Nursing..... 5 |
| NUR 119         | Nursing Care of the Adult I..... 4      |
| PSY 215         | Life Span of Human Development..... 3   |
|                 | ..... <b>Total 12</b>                   |
|                 | ..... <b>Overall Total 37</b>           |

**ASSOCIATE IN APPLIED SCIENCE DEGREE NURSING – FIRST YEAR**

**PREADMISSION REQUIREMENTS** **CREDIT HOURS**

|         |                                 |                 |
|---------|---------------------------------|-----------------|
| BIO 203 | Anatomy and Physiology I.....   | 4               |
| PSY 101 | Introduction to Psychology..... | 3               |
| ENG 101 | Rhetoric I.....                 | 3               |
|         | .....                           | <b>Total 10</b> |

**FALL SEMESTER\***

|         |                                    |                 |
|---------|------------------------------------|-----------------|
| NUR 107 | Foundations of Nursing I.....      | 4               |
| NUR 108 | Foundations of Nursing II.....     | 5               |
| BIO 204 | Anatomy and Physiology II.....     | 4               |
| NUR 110 | Clinical Judgement in Nursing..... | 2               |
|         | .....                              | <b>Total 15</b> |

**SPRING SEMESTER**

|         |                                       |                 |
|---------|---------------------------------------|-----------------|
| NUR 115 | Obstetrics and Pediatric Nursing..... | 5               |
| NUR 119 | Nursing Care of the Adult I.....      | 4               |
| PSY 215 | Life Span of Human Development.....   | 3               |
|         | .....                                 | <b>Total 12</b> |

**ASSOCIATE IN APPLIED SCIENCE DEGREE NURSING – SECOND YEAR**

**FALL SEMESTER** **CREDIT HOURS**

|         |                                          |                 |
|---------|------------------------------------------|-----------------|
| NUR 202 | Essentials of Mental Health Nursing..... | 4               |
| NUR 219 | Nursing Care of the Adult II.....        | 5               |
| BIO 212 | Microbiology.....                        | 4               |
| ENG 102 | Rhetoric II.....                         | 3               |
|         | .....                                    | <b>Total 16</b> |

**SPRING SEMESTER**

|         |                                                        |                         |
|---------|--------------------------------------------------------|-------------------------|
| NUR 220 | Nursing Care of Adults with Complex Health Issues..... | 7                       |
| NUR 224 | Transition to Registered Nurse.....                    | 3                       |
|         | Humanities.....                                        | 3                       |
|         | .....                                                  | <b>Total 13</b>         |
|         | .....                                                  | <b>Overall Total 66</b> |

# OFFICE MANAGEMENT TECHNOLOGY

## OFFICE MANAGEMENT TECHNOLOGY (OMT)

### ASSOCIATE IN APPLIED SCIENCE DEGREE

The Office Management Technology curriculum provides instruction to prepare students to assume roles as office professionals in a global and ever-changing society.

| FIRST SEMESTER - FALL |                                            | CREDIT HOURS    |
|-----------------------|--------------------------------------------|-----------------|
| OMT 102               | Keyboarding and Document Formatting.....   | 2               |
| OMT 140               | Office Orientation .....                   | 3               |
| OMT 206               | Presentation Software Fundamentals.....    | 1               |
| OMT 207*              | Presentation Software Advanced .....       | 2               |
| OMT 210               | Word Processing Software Fundamentals..... | 1               |
| OMT 211*              | Word Processing Software Advanced .....    | 2               |
|                       | Science and/or Math .....                  | 4               |
|                       | .....                                      | <b>Total 15</b> |

| SECOND SEMESTER - SPRING |                                        |                 |
|--------------------------|----------------------------------------|-----------------|
| BUS 111                  | Principals of Business .....           | 3               |
| OMT 215*                 | Medical Office Practices.....          | 3               |
| OMT 216                  | Spreadsheet Software Fundamentals..... | 1               |
| OMT 223                  | Spreadsheet Software Advanced .....    | 2               |
| OMT 218                  | Database Software Fundamentals .....   | 1               |
| OMT 219*                 | Database Software Advanced.....        | 2               |
|                          | Communications.....                    | 6               |
|                          | .....                                  | <b>Total 18</b> |

| THIRD SEMESTER - FALL |                                |                 |
|-----------------------|--------------------------------|-----------------|
| BUS 101               | Financial Accounting .....     | 3               |
| OMT 129               | The Digital Workplace .....    | 3               |
| OMT 127*              | Electronic Recordkeeping ..... | 3               |
| OMT 131               | Introduction to Windows .....  | 1               |
| OMT 242               | Business Communications.....   | 3               |
|                       | Humanities.....                | 3               |
|                       | .....                          | <b>Total 16</b> |

| FOURTH SEMESTER - SPRING |                                          |                         |
|--------------------------|------------------------------------------|-------------------------|
| BUS 130                  | Quickbooks I .....                       | 2                       |
| OMT 214*                 | Office Supervision .....                 | 3                       |
| OMT 250*                 | Integrated Office Simulation .....       | 3                       |
| OMT 253                  | Successful Career & Life Strategies..... | 2                       |
|                          | Social/Behavioral Science.....           | 5                       |
|                          | .....                                    | <b>Total 15</b>         |
|                          | .....                                    | <b>Overall Total 64</b> |

\*Students are urged to take courses in the sequence as listed above. The courses marked with an \* are only offered in the semester listed.

NOTES:

Candidates for the Associate in Applied Science degree must earn a minimum of 18 credit hours in general education courses.

# OFFICE MANAGEMENT TECHNOLOGY OFFICE TECHNOLOGY SPECIALIST (OTS) 30 CREDIT CAREER CERTIFICATE

This curriculum prepares students for an upper level administrative assistance position in today's globalized business environment.

| FIRST SEMESTER - FALL |                                            | CREDIT HOURS    |
|-----------------------|--------------------------------------------|-----------------|
| OMT 102               | Keyboarding and Document Formatting.....   | 2               |
| OMT 131               | Introduction to Windows .....              | 1               |
| OMT 140               | Office Orientation. ....                   | 3               |
| OMT 206               | Presentation Software Fundamentals.....    | 1               |
| OMT 207*              | Presentation Software Advanced .....       | 2               |
| OMT 210               | Word Processing Software Fundamentals..... | 1               |
| OMT 211               | Word Processing Software Advanced.....     | 2               |
|                       |                                            | <b>Total 12</b> |

| SECOND SEMESTER - SPRING |                                        |                |
|--------------------------|----------------------------------------|----------------|
| OMT 216                  | Spreadsheet Software Fundamentals..... | 1              |
| OMT 223                  | Spreadsheet Software Advanced.....     | 2              |
| OMT 218                  | Database Software Fundamentals .....   | 1              |
| OMT 219*                 | Database Software Advanced.....        | 2              |
| OMT 242                  | Business Communications.....           | 3              |
|                          |                                        | <b>Total 9</b> |

| THIRD SEMESTER - FALL |                                |                         |
|-----------------------|--------------------------------|-------------------------|
| BUS 101               | Financial Accounting.....      | 3                       |
| OMT 127*              | Electronic Recordkeeping ..... | 3                       |
| OMT 129               | The Digital Workplace .....    | 3                       |
|                       |                                | <b>Total 9</b>          |
|                       |                                | <b>Overall Total 30</b> |

\*Students are urged to take courses in the sequence as listed above. The courses marked with an \* are only offered in the semester listed.

# SOCIAL MEDIA MARKETING (SMM)

## 18 CREDIT HOUR CAREER CERTIFICATE

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This curriculum prepares students for entry-level work in the digital marketing field. Students create professional websites and monitor online traffic for trends and patterns. Work includes building a ready-to-go website enhanced with images, sound, video, and social media interactivity for business or personal use.

| FIRST SEMESTER |                                   | CREDIT HOURS   |
|----------------|-----------------------------------|----------------|
| OMT 129        | The Digital Workplace .....       | 3              |
| OMT 140        | Office Orientation .....          | 3              |
| OMT 156        | Website Building & Analysis ..... | 3              |
| .....          |                                   | <b>Total 9</b> |

| SECOND SEMESTER |                                          |                         |
|-----------------|------------------------------------------|-------------------------|
| BUS 111         | Principles of Business .....             | 3                       |
| OMT 153         | Social Media Marketing Technologies..... | 3                       |
| OMT 242         | Business Communications.....             | 3                       |
| .....           |                                          | <b>Total 9</b>          |
| .....           |                                          | <b>Overall Total 18</b> |

# MEDICAL OFFICE SUPPORT (MOS)

## 12 CREDIT CAREER CERTIFICATE

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This curriculum provides students with the knowledge and skills necessary for an entry-level position as a nonclinical medical office worker. Students will learn various office procedures, including scheduling appointments, registering patients, coding, maintaining medical records, and more.

| REQUIRED COURSES |                                         | CREDIT HOURS            |
|------------------|-----------------------------------------|-------------------------|
| HIT 103*         | Coding and Classification Systems ..... | 3                       |
| OMT 127*         | Electronic Recordkeeping .....          | 3                       |
| OMT 140          | Office Orientation .....                | 3                       |
| OMT 215*         | Medical Office Practices.....           | 3                       |
|                  |                                         | <b>Overall Total 12</b> |

\*Students are urged to take courses in the sequence as listed above. The courses marked with an \* are only offered in the semester listed.

NOTE:  
Students can complete this certificate in either the fall or spring semester.

# OFFICE MANAGEMENT TECHNOLOGY

## ELECTRONIC RECORDS MANAGEMENT (ERM)

### 11 CREDIT CAREER CERTIFICATE

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The Electronic Records Management certificate is designed to provide students with basic knowledge and skills to manage electronic content. Students will learn how to maintain records manually and electronically. They will also learn general office skills to add value to their qualifications for work in various settings.

| REQUIRED COURSES |                                          | CREDIT HOURS            |
|------------------|------------------------------------------|-------------------------|
| OMT 102          | Keyboarding and Document Formatting..... | 2                       |
| OMT 127*         | Electronic Recordkeeping .....           | 3                       |
| OMT 129          | The Digital Workplace .....              | 3                       |
| OMT 140          | Office Orientation .....                 | 3                       |
|                  |                                          | <b>Overall Total 11</b> |

\*Students are urged to take courses in the sequence as listed above. The courses marked with an \* are only offered in the semester listed.

# OFFICE MANAGEMENT TECHNOLOGY

## MICROSOFT OFFICE (DMO)

### 7 CREDIT OCCUPATIONAL CERTIFICATE

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This curriculum is designed to give students the resources and information needed to learn about Microsoft Office software. It also begins preparation for core level Microsoft Office Specialist certification. Morton College is a testing center authorized to administer Microsoft certification exams.

| REQUIRED COURSES   |                                         | CREDIT HOURS |
|--------------------|-----------------------------------------|--------------|
| OMT 131            | Introduction to Windows .....           | 1            |
| OMT 206            | Presentation Software Fundamentals..... | 1            |
| OMT 210            | Word Processing Fundamentals .....      | 1            |
| OMT 216            | Spreadsheet Software Fundamentals.....  | 1            |
| OMT 218            | Database Software Fundamentals .....    | 1            |
| OMT 223            | Spreadsheet Software Advanced.....      | 2            |
| .....Overall Total |                                         | 7            |

# PHYSICAL THERAPIST ASSISTANT (PTA) ASSOCIATE IN APPLIED SCIENCE DEGREE

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## OVERVIEW

The Physical Therapist Assistant program prepares students to perform physical therapy interventions and related duties under the direction and supervision of a physical therapist. Graduates of this program earn an Associates of Applied Science (A.A.S) degree and are eligible to sit for the National Physical Therapy Exam (NPTE) for the Physical Therapist Assistant (PTA). Graduation from the PTA program does not guarantee a passing score on the NPTE, which is required for official state licensure.

## PROGRAM PREREQUISITE COURSES

Successful completion of the following college courses with a minimum grade of “C” in each, by the end of the spring semester of the application cycle in which the applicant applies. Note: Medical Terminology (PHT 101) and Anatomy & Physiology (BIO 152) must be completed within five years of beginning the program.

- › Rhetoric I (ENG 101, 3 credits) or equivalent
- › Medical Terminology for Clinicians (PHT 101, 2 credits) or equivalent
- › Anatomy and Physiology (Therapies) (BIO 152, 5 credits) or equivalent
- › Fundamentals of Physics (PHY 100, 3 credits) or equivalent

## ACCREDITATION AND LICENSURE

The Physical Therapist Assistant program is accredited by the Commission on Accreditation for Physical Therapy Education (CAPTE). Licensure in Illinois is controlled by the Illinois Department of Financial and Professional Regulation, Division of Professional Regulation, 320 West Washington St., Springfield, IL 62786; (217) 785-0800 or (217) 782-8556; [www.idfpr.com](http://www.idfpr.com). Applicants with a conviction for a felony or misdemeanor may have difficulty obtaining a PTA license in Illinois. It is each student's responsibility to determine whether they are in compliance with all criteria for state licensure.

## CLINICAL REQUIREMENTS

Students are required to participate in clinical experiences that meet both accreditation standards and state graduation requirements. These clinical experiences take place off-site, and students are responsible for their own transportation and any costs associated with participation. Prior to the start of clinical internships, students are required to complete a background check, 10-panel drug screening, physical exam, and other health requirements. A social security number is required to comply with the criminal background check.

## ADMISSION

The Physical Therapist Assistant (PTA) Program admits students each fall semester. Admission is selective, and meeting the minimum requirements does not guarantee acceptance. Complete applications that satisfy program criteria and are submitted by the application deadline are considered based on program capacity. Preference is given to in-district applicants and residents from districts that have a current Joint Agreement with Morton College. Applications are not carried over to subsequent years.

For the most current information on admission requirements and the application process, applicants should visit the PTA Program webpage. Prospective students are strongly encouraged to meet with their Student Success Coach prior to applying. Once admitted, students are expected to comply with all policies and procedures outlined in the PTA Student Handbook.

### **READMISSION**

Students may be readmitted to the PTA program only once, and readmission is not guaranteed.

### **ESSENTIAL FUNCTIONS**

The Physical Therapist Assistant (PTA) Program requires students to develop and demonstrate a set of essential skills critical to the practice of physical therapy. These skills encompass a combination of cognitive, affective, psychomotor, physical, and social abilities, all of which are necessary to perform PTA functions safely and effectively. Mastery of these skills ensures the health and safety of clients, fellow students, faculty, and other healthcare providers, while supporting student competence in a complex and demanding healthcare discipline. Successful demonstration of these essential skills is required for both admission to and continued enrollment in the Morton College PTA Program. The Essential Skills for the PTA can be found in the PTA Student Handbook.

For more information about the Physical Therapist Assistant program, please visit the program webpage.

# PHYSICAL THERAPIST ASSISTANT (PTA) COURSE SEQUENCE

| PRE-ADMISSION REQUIREMENTS |                                                  | CREDIT HOURS    |
|----------------------------|--------------------------------------------------|-----------------|
| ENG 101*                   | Rhetoric I .....                                 | 3               |
| PHT 101*                   | Medical Terminology for Clinicians .....         | 2               |
| PSY 101**                  | Introduction to Psychology .....                 | 3               |
| BIO 152*                   | Anatomy and Physiology (Therapies) .....         | 5               |
| PHY 100*                   | Fundamentals of Physics .....                    | 3               |
|                            | **Humanities general education requirement ..... | 3               |
|                            |                                                  | <b>Total 18</b> |

## FIRST SEMESTER

|           |                                                                  |                 |
|-----------|------------------------------------------------------------------|-----------------|
| PHT 111   | Patient Management I: Basic Skills for the PTA .....             | 2               |
| PHT 112   | Principles of Practice I: Introduction to Physical Therapy ..... | 2               |
| PHT 113   | Introduction to Disease .....                                    | 2               |
| PHT 114   | Fundamentals of Kinesiology I .....                              | 4               |
| PHT 105   | Therapeutic Modalities I .....                                   | 1               |
| ENG 102** | Rhetoric II                                                      |                 |
| OR        |                                                                  |                 |
| SPE 101** | Principles of Public Speaking .....                              | 3               |
|           |                                                                  | <b>Total 14</b> |

## SECOND SEMESTER

|         |                                                     |                 |
|---------|-----------------------------------------------------|-----------------|
| PHT 115 | Fundamentals of Kinesiology II .....                | 4               |
| PHT 117 | Patient Management II: Tests and Measurements ..... | 2               |
| PHT 122 | Therapeutic Exercise .....                          | 2               |
| PHT 123 | Systems and Interventions I: Orthopedics .....      | 3               |
| PHT 124 | Introduction to Clinical Education .....            | 2               |
| PHT 125 | Therapeutic Modalities II .....                     | 1               |
|         |                                                     | <b>Total 14</b> |

## THIRD SEMESTER

|           |                                                                                                |                 |
|-----------|------------------------------------------------------------------------------------------------|-----------------|
| PSY 210** | Child Growth and Development                                                                   |                 |
| OR        |                                                                                                |                 |
| PSY 215** | Life Span: Survey of Human Development .....                                                   | 3               |
| PHT 212   | Systems and Interventions II: Neurology .....                                                  | 3               |
| PHT 217   | Clinical Internship I .....                                                                    | 3               |
| PHT 218   | Systems and Interventions III: Cardiovascular, Pulmonary<br>and Integumentary Management ..... | 2               |
| PHT 219   | Special Populations: Pediatrics and Geriatrics .....                                           | 2               |
|           |                                                                                                | <b>Total 13</b> |

**FOURTH SEMESTER**

**CREDIT HOURS**

|         |                                                            |                         |
|---------|------------------------------------------------------------|-------------------------|
| PHT 220 | Advanced Physical Therapy Techniques.....                  | 3                       |
| PHT 222 | Seminar in Health Care Literature.....                     | 2                       |
| PHT 224 | Principles of Practice II: Professional Issues in PT ..... | 2                       |
| PHT 225 | Clinical Affiliations II & III .....                       | 5                       |
|         | .....                                                      | <b>Total 12</b>         |
|         | .....                                                      | <b>Overall Total 72</b> |

NOTES:

\*Indicates Program Prerequisites

\*\*These courses fulfill the AAS general education requirements for graduation.

The Health/Fitness general education requirement is met, as the required material is covered in the PTA program.

A fee for malpractice insurance is required.

Students enrolled in the PTA program are subject to the current policies and procedures in the Physical Therapist Assistant Student Handbook

# SUPPLY CHAIN MANAGEMENT (SCM)

## 18 CREDIT CAREER CERTIFICATE

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This new certificate provides students with specific instruction in Supply Chain Management. Each course is designed around a body of knowledge in supply chain concepts and strategies, demand management, inter-firm product design, materials and supply management, logistics, relationship management, value analysis, and quality management. Successful completion of this program will help students prepare for the foundational-level certification offered by the Manufacturing Skill Standards Council (MSSC).

| FIRST SEMESTER  |                                             | CREDIT HOURS            |
|-----------------|---------------------------------------------|-------------------------|
| BUS 111         | Principals of Business .....                | 3                       |
| SCM 101         | Principles of Supply Chain Management ..... | 3                       |
|                 |                                             | <b>Total 6</b>          |
|                 |                                             |                         |
| SECOND SEMESTER |                                             |                         |
| SCM 104         | Warehousing and Distribution .....          | 3                       |
| SCM 203         | Inventory Control .....                     | 3                       |
|                 |                                             | <b>Total 6</b>          |
|                 |                                             |                         |
| THIRD SEMESTER  |                                             |                         |
| SCM 107         | Transportation and Traffic Management ..... | 3                       |
| SCM 204         | Global Logistics .....                      | 3                       |
|                 |                                             | <b>Total 6</b>          |
|                 |                                             | <b>Overall Total 18</b> |

# WELDING

## ADVANCED WELDING (AWLD)

### 38-40 CREDIT CAREER CERTIFICATE

The purpose of this certificate program is to provide entry-level and mid-level training and/or to support the pursuance of advancement opportunities.

| FIRST SEMESTER |                                   | CREDIT HOURS    |
|----------------|-----------------------------------|-----------------|
| MAT 100        | Occupational Mathematics .....    | 3               |
| WEL 101        | Welding and Cutting Safety.....   | 1               |
| WEL 111        | Basic Arc Welding Cutting I.....  | 3               |
| WEL 112        | Basic Arc Welding Cutting II..... | 3               |
|                |                                   | <b>Total 10</b> |

| SECOND SEMESTER |                                        |                 |
|-----------------|----------------------------------------|-----------------|
| WEL 102         | Introduction to Welding Processes..... | 3               |
| WEL 103         | Blueprints for Welders.....            | 3               |
| WEL 121         | Advanced SMAW/Cutting I.....           | 3               |
| WEL 122         | SMAW/Cutting II.....                   | 3               |
|                 |                                        | <b>Total 12</b> |

| THIRD SEMESTER |                               |                 |
|----------------|-------------------------------|-----------------|
| WEL 131        | Gas Metal Arc Welding I.....  | 3               |
| WEL 132        | Gas Metal Arc Welding II..... | 3               |
|                |                               | <b>Total 12</b> |

| FOURTH SEMESTER |                                  |                            |
|-----------------|----------------------------------|----------------------------|
| WEL 141         | Gas Tungsten Arc Welding I.....  | 3                          |
| WEL 142         | Gas Tungsten Arc Welding II..... | 3                          |
| WEL Electives   | (Choose from list below).....    | 4-6 credits                |
|                 |                                  | <b>Total 10-12</b>         |
|                 |                                  | <b>Overall Total 38-40</b> |

- Electives:**  
WEL 211 (3 credits) **and** WEL 212 (3 credits)  
Or  
WEL 221(2 credits) **and** WEL 222 (2 credits)  
Or  
WEL 215 (2 credits) **and** WEL 221 (2 credits)

# WELDING

## PIPE WELDING (PWLD)

### 25 CREDIT CAREER CERTIFICATE

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This curriculum provides students with the skills required for entry-level employment as a welder. Students will learn techniques related to shielded metal arc welding of pipe in multiple positions. Students will also gain a basic knowledge of welding and cutting safety, oxyfuel cutting, and blueprint reading as it pertains to welding.

| FIRST SEMESTER |                                   | CREDIT HOURS    |
|----------------|-----------------------------------|-----------------|
| MAT 100        | Occupational Mathematics .....    | 3               |
| WEL 101        | Welding and Cutting Safety.....   | 1               |
| WEL 111        | Basic Arc Welding Cutting I.....  | 3               |
| WEL 112        | Basic Arc Welding Cutting II..... | 3               |
|                |                                   | <b>Total 10</b> |

| SECOND SEMESTER |                              |                |
|-----------------|------------------------------|----------------|
| WEL 103         | Blueprints for Welders.....  | 3              |
| WEL 121         | Advanced SMAW/Cutting I..... | 3              |
| WEL 122         | SMAW/Cutting II.....         | 3              |
|                 |                              | <b>Total 9</b> |

| THIRD SEMESTER |                      |                         |
|----------------|----------------------|-------------------------|
| WEL 211        | Pipe Welding I.....  | 3                       |
| WEL 212        | Pipe Welding II..... | 3                       |
|                |                      | <b>Total 6</b>          |
|                |                      | <b>Overall Total 25</b> |

# WELDING

## MULTI-PROCESS WELDING (MPW)

### 22 CREDIT CAREER CERTIFICATE

This curriculum provides students with the skills required for entry-level employment in the shielded metal arc welding, gas metal arc welding, and gas tungsten arc welding processes. Students will also gain a basic knowledge of various welding processes, welding and cutting safety, oxyfuel cutting, and blueprint reading as it pertains to welding.

| FIRST SEMESTER  |                                        | CREDIT HOURS            |
|-----------------|----------------------------------------|-------------------------|
| MAT 100         | Occupational Mathematics .....         | 3                       |
| WEL 101         | Welding and Cutting Safety.....        | 1                       |
| WEL 111         | Basic Arc Welding Cutting I.....       | 3                       |
| WEL 112         | Basic Arc Welding Cutting II.....      | 3                       |
|                 |                                        | <b>Total 10</b>         |
| SECOND SEMESTER |                                        |                         |
| WEL 102         | Introduction to Welding Processes..... | 3                       |
| WEL 103         | Blueprints for Welders.....            | 3                       |
| WEL 131         | Gas Metal Arc Welding I.....           | 3                       |
| WEL 141         | Gas Tungsten Arc Welding I.....        | 3                       |
|                 |                                        | <b>Total 12</b>         |
|                 |                                        | <b>Overall Total 22</b> |

# WELDING

## GAS METAL ARC WELDING (GMAW)

### 19 CREDIT HOUR CAREER CERTIFICATE

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This curriculum provides students with the skills required for entry-level employment in the gas metal arc welding and shielded metal arc welding processes in industries related to fabrication and manufacturing, facility maintenance, and construction. Students will also gain a basic knowledge of welding and cutting safety, oxyfuel cutting and blueprint reading as it pertains to welding.

| FIRST SEMESTER |                                   | CREDIT HOURS    |
|----------------|-----------------------------------|-----------------|
| MAT 100        | Occupational Mathematics .....    | 3               |
| WEL 101        | Welding and Cutting Safety.....   | 1               |
| WEL 111        | Basic Arc Welding Cutting I.....  | 3               |
| WEL 112        | Basic Arc Welding Cutting II..... | 3               |
|                |                                   | <b>Total 10</b> |

| SECOND SEMESTER |                               |                         |
|-----------------|-------------------------------|-------------------------|
| WEL 103         | Blueprints for Welders.....   | 3                       |
| WEL 131         | Gas Metal Arc Welding I.....  | 3                       |
| WEL 132         | Gas Metal Arc Welding II..... | 3                       |
|                 |                               | <b>Total 9</b>          |
|                 |                               | <b>Overall Total 19</b> |

# WELDING

## SHIELDED METAL ARC WELDING (SMAW)

### 16 CREDIT CAREER CERTIFICATE

---

This curriculum provides students with the skills required for entry-level employment in the shielded metal arc welding process in industries related to manufacturing, facility maintenance, and construction. Students will also gain a basic knowledge of welding and cutting safety, oxyfuel cutting and blueprint reading as it pertains to welding.

| FIRST SEMESTER  |                                    | CREDIT HOURS            |
|-----------------|------------------------------------|-------------------------|
| MAT 100         | Occupational Mathematics .....     | 3                       |
| WEL 101         | Welding and Cutting Safety.....    | 1                       |
| WEL 111         | Basic Arc Welding/Cutting I .....  | 3                       |
| WEL 112         | Basic Arc Welding/ Cutting II..... | 3                       |
|                 |                                    | <b>Total 10</b>         |
| SECOND SEMESTER |                                    |                         |
| WEL 103         | Blueprints for Welders.....        | 3                       |
| WEL 121         | Advanced SMAW/Cutting I .....      | 3                       |
|                 |                                    | <b>Total 6</b>          |
|                 |                                    | <b>Overall Total 16</b> |

# ILLINOIS ARTICULATION INITIATIVE

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Morton College participates in the Illinois Articulation Initiative (IAI), a statewide system for articulating courses and programs. The IAI features a common General Education Core Curriculum (IAI GECC)--a package of general education courses that are accepted by all participating schools. Completion of the IAI GECC at a community college assures transferring students that lower-division, campus-wide general education requirements for a bachelor's degree will be satisfied at any participating institution. A receiving college or university may require institution-wide and/or mission-related graduation requirements that do not fall within the scope of the general education core. If students transfer with anything less than the full IAI GECC, the general education requirements of the receiving school may have to be completed, and these may be different from the IAI GECC.

The IAI GECC consists of 12 to 13 courses—or 37-41 semester credits-- chosen from five different categories. No more than two courses from any one discipline can be used to fulfill the requirements. The IAI GECC requirements are listed below:

## **Communications**

- 3 courses (9 semester credits)
- The 3 courses must include a two-course sequence in writing completed with grades of C or better (6 semester credits) and one course in oral communications (3 semester credits) – a C being at least two quality points on a four-point scale.

## **Mathematics**

- 1 or 2 courses (3-6 semester credits) Physical & Life Sciences
- 2 courses (7-8 semester credits)
- These two courses will include one course selected from the physical sciences and one course selected from the life sciences, with at least one course that includes a lab.

## **Humanities & Fine Arts**

- 3 courses (9 semester credits)
- These will include at least one course selected from the humanities and at least one course selected from the fine arts.

## **Social and Behavioral Sciences**

- 3 courses (9 semester credits)
- These will include courses from at least two different disciplines.

The IAI GECC is included in Morton College's AA and AS degrees. For specific Morton College courses that fulfill IAI GECC requirements, refer to AA and AS degree course requirements.

Note that the IAI also includes recommendations for appropriate lower-division coursework in specific baccalaureate majors. The Illinois Baccalaureate Majors' Recommendations describe courses ordinarily taken by freshmen and sophomores for a specific major. These course recommendations are meant for students who are undecided about a four year college or university. All of the course selections should be made with guidance from an Student success coach.

For more information about the IAI and the benefits of transferring after meeting the IAI GECC requirements, check with an Student success coach and visit the IAI website at [www.iTransfer.org](http://www.iTransfer.org). Note that Morton College will recognize courses on the approved list of IAI courses taken at any participating college or university and apply the credit toward fulfilling IAI GECC requirements at Morton College.

Morton College offers a wide variety of courses to help students achieve academic, professional and personal goals. Morton College's University Transfer Program includes the following degrees:

- › Associate in Arts (A.A.)
- › Associate in Science (A.S.)
- › Associate in Fine Arts in Art (A.F.A.)
- › Associate in Engineering Science (A.E.S.)

Each degree requires at least 62 credit hours for completion and fulfills the first two years of study for students pursuing a bachelor's degree at a four-year college or university.

Students are encouraged to meet with a Morton College Student success coach and to consult the catalog of the college or university they expect to attend for information about transferable courses. To meet with a student success coach, call (708)656-8000, Ext 2484."

## **ASSOCIATES IN ARTS (AA)**

This degree is for students who intend to pursue a Bachelor of Arts degree at a four-year college or university. Students pursuing this degree should complete the minimum number of elective hours according to the requirements of the four-year school to which they plan to transfer. Students should consult with a Student Success Coach when selecting elective courses to determine credit transferability.

## **ASSOCIATE IN SCIENCE (A.S.)**

This degree is for students who intend to pursue a Bachelor of Science Degree at a four-year college or university. Students pursuing this degree should complete the remaining required semester hours according to the requirements of the four-year school to which they plan to transfer. Students should consult with a Student Success Coach when selecting elective courses to determine credit transferability.

## **ASSOCIATE IN FINE ARTS IN ART (A.F.A.)**

This degree is for students who intend to pursue a Bachelor of Fine Arts in Art Degree at a four-year college or university. Students pursuing this degree should complete their required elective semester hours according to the requirements of the four-year school to which they plan to transfer. Because completion of the Associate in Fine Arts in Art (A.F.A.) curriculum does not fulfill the requirements of the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC), students will need to complete the general education requirements of the institution to which they transfer. Most schools require a portfolio review for admission to a bachelor's program.

## **ASSOCIATE IN ENGINEERING SCIENCE (A.E.S.)**

This degree is for students who intend to pursue a Bachelor's Degree in Engineering at a four-year college or university. Students pursuing this degree should complete the remaining required semester hours according to the requirements of the four-year institution to which they plan to transfer. Because completion of the Associate in Engineering Science (A.E.S.) curriculum does not fulfill the requirements of the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC), students will need to complete the general education requirements of the institution to which they transfer.

# ASSOCIATE IN ARTS (A.A.) DEGREE REQUIREMENTS

Students must meet the general education requirements listed below for the Associate in Arts (A.A.) degree. The AA Degree includes the Illinois Articulation Initiative General Education Core Curriculum (IAI GECC), which consists of 37-41 credits.

## GENERAL EDUCATION REQUIREMENTS (37 TO 41 CREDITS)

### A. COMMUNICATIONS

| Course Code           | Title                               | IAI Code    | Credit Hours |
|-----------------------|-------------------------------------|-------------|--------------|
| ENG 101 .....         | Rhetoric I .....                    | C1900 ..... | 3            |
| ENG 102 .....         | Rhetoric II .....                   | C1901R..... | 3            |
| SPE 101 .....         | Principles of Public Speaking ..... | C2900 ..... | 3            |
| <b>9 Credit hours</b> |                                     |             |              |

### B. BEHAVIORAL/SOCIAL SCIENCES

Complete a minimum of 3 courses from at least two disciplines:

| Course Code    | Title                                             | IAI Code    | Credit Hours |
|----------------|---------------------------------------------------|-------------|--------------|
| ANT 101 .....  | Introduction to Anthropology .....                | S1902 ..... | 3            |
| ANT 102* ..... | Introduction to Cultural Anthropology .....       | S1901N..... | 3            |
| ANT 103.....   | Introduction to Archaeology .....                 | S1903 ..... | 3            |
| ECO 101 .....  | Principles of Economics I - Macroeconomics.....   | S3901 ..... | 3            |
| ECO 102 .....  | Principles of Economics II - Microeconomics ..... | S3902 ..... | 3            |
| GEG 105* ..... | World Regional Geography .....                    | S4906N..... | 3            |
| GEG 107 .....  | Intro to Human Geography .....                    | S4900N..... | 3            |
| GEG 125* ..... | Geography of the Developing World .....           | S4902N..... | 3            |
| HIS 105 .....  | American History to 1865 .....                    | S2900 ..... | 3            |
| HIS 106 .....  | American History from 1865 .....                  | S2901 ..... | 3            |
| POL 201 .....  | U.S. National Government .....                    | S5900 ..... | 3            |
| POL 202 .....  | State and Local Government .....                  | S5902 ..... | 3            |
| PSY 101 .....  | Introduction to Psychology .....                  | S6900 ..... | 3            |
| PSY 201 .....  | Social Psychology .....                           | S8900 ..... | 3            |

**B. BEHAVIORAL/SOCIAL SCIENCES (CONTINUED)**

| Course Code    | Title                                        | IAI Code     | Credit Hours |
|----------------|----------------------------------------------|--------------|--------------|
| PSY 210 .....  | Child Growth and Development .....           | S6903 .....  | 3            |
| PSY 211 .....  | Adolescent Psychology .....                  | S6904 .....  | 3            |
| PSY 215 .....  | Life Span: Survey of Human Development ..... | S6902 .....  | 3            |
| SOC 100 .....  | Introduction to Sociology .....              | S7900 .....  | 3            |
| SOC 101 .....  | The Family .....                             | S7902 .....  | 3            |
| SOC 102 .....  | Social Problems .....                        | S7901 .....  | 3            |
| SOC 201* ..... | Race and Ethnicity .....                     | S7903D ..... | 3            |

**9 Credit hours**

\* Students need to complete one course that incorporates cultural diversity.  
These courses are marked with an asterisk (\*).

**C. MATHEMATICS**

| Course Code   | Title                                          | IAI Code      | Credit Hours |
|---------------|------------------------------------------------|---------------|--------------|
| MAT 102 ..... | General Education Mathematics .....            | M1904 .....   | 4            |
| MAT 121 ..... | Mathematics for Elementary .....               | M1903 .....   | 4            |
|               | School Teachers II                             |               |              |
| MAT 124 ..... | Finite Mathematics .....                       | M1906 .....   | 4            |
| MAT 141 ..... | Statistics .....                               | M1902 .....   | 4            |
| MAT 181 ..... | Discrete Mathematics .....                     | M1905 .....   | 3            |
| MAT 201 ..... | Calculus I .....                               | M1900-1 ..... | 5            |
| MAT 202 ..... | Calculus II .....                              | M1900-2 ..... | 5            |
| MAT 203 ..... | Calculus III .....                             | M1900-3 ..... | 4            |
| MAT 224 ..... | Calculus for Business and Social Science ..... | M1900-B ..... | 4            |

**4 Credit hours**

**D. SCIENCE**

Complete a minimum of 2 courses, one from each category. One course, from either category, must include a laboratory.

Choose one course from Life Sciences:

| Course Code   | Title                               | IAI Code     | Credit Hours |
|---------------|-------------------------------------|--------------|--------------|
| BIO 100 ..... | Introducing Biology .....           | L1900 .....  | 3            |
| BIO 102 ..... | Introduction to Biology .....       | L1900L ..... | 4            |
| BIO 108 ..... | Introduction to Evolution .....     | L1907 .....  | 3            |
| BIO 109 ..... | Introduction to Evolution Lab ..... | L1907L ..... | 1            |
| BIO 110 ..... | Biology: A Cellular Approach .....  | L1900L ..... | 5            |
| BIO 150 ..... | Heredity and Society .....          | L1906 .....  | 3            |
| BIO 202 ..... | Environmental Biology .....         | L1905 .....  | 3            |

D. SCIENCE (CONTINUED)

and Choose one course from Physical Sciences:

| Course Code    | Title                     | IAI Code     | Credit Hours |
|----------------|---------------------------|--------------|--------------|
| CHM 105 .....  | General Chemistry I ..... | P1902L ..... | 5            |
| GEG 101 .....  | Physical Geography .....  | P1909 .....  | 3            |
| GEL 101 .....  | Physical Geology .....    | P1907L ..... | 4            |
| PHS 101 .....  | Astronomy .....           | P1906 .....  | 3            |
| PHS 103 .....  | Physical Science I .....  | P9900L ..... | 4            |
| PHY 101 .....  | General Physics I .....   | P1900L ..... | 5            |
| 7 Credit hours |                           |              |              |

E. HUMANITIES

Complete 3 courses from the Humanities and Fine Arts

Choose one or more courses from Fine Arts:

| Course Code    | Title                                         | IAI Code      | Credit Hours |
|----------------|-----------------------------------------------|---------------|--------------|
| ART 120 .....  | Art Appreciation .....                        | F2900.....    | 3            |
| ART 125 .....  | Art History World Survey I Prehistoric .....  | F2901.....    | 3            |
|                | to 15th Century                               |               |              |
| ART 126†.....  | Art History World Survey II .....             | F2902.....    | 3            |
|                | 15th Century to Modern Art                    |               |              |
| ART 210*.....  | Diverse Perspectives in American Art.....     | F2 906D ..... | 3            |
| ART 217* ..... | Indigenous Art .....                          | F2903N .....  | 3            |
| ART 220 .....  | Latin American Traditions in Art .....        | F2903N .....  | 3            |
| HUM 150 .....  | Humanities Through the Arts .....             | HF900 .....   | 3            |
| HUM 153 .....  | Survey of Film History .....                  | F2909.....    | 3            |
| MUS 100 .....  | Music Appreciation .....                      | F1900.....    | 3            |
| MUS 101 .....  | History of Music: Pre-Twentieth Century ..... | F1901.....    | 3            |
| MUS 102 .....  | History of Music: Twentieth Century .....     | F2902.....    | 3            |
| MUS 103* ..... | Music of Multicultural America .....          | F1905D .....  | 3            |
| MUS 105†.....  | Introduction to American Music .....          | F1904.....    | 3            |
| MUS 106† ..... | Trends in Modern American Music .....         | F1904.....    | 3            |
| MUS 108* ..... | World Music Survey .....                      | F1903N .....  | 3            |
| THR 108 .....  | Theatre Experience .....                      | F1907.....    | 3            |
| THR 110 .....  | Introduction to Theatre .....                 | F1908.....    | 3            |
| ENG 211 .....  | Introduction to Literature .....              | H3900 .....   | 3            |
| ENG 215 .....  | American Literature I .....                   | H3914 .....   | 3            |
| ENG 216 .....  | American Literature II .....                  | H3915 .....   | 3            |
| ENG 218* ..... | U.S. Latino/Hispanic Literature .....         | H3910D.....   | 3            |

and Choose one or more courses from Humanities:

| Course Code    | Title                                                          | IAI Code     | Credit Hours |
|----------------|----------------------------------------------------------------|--------------|--------------|
| HIS 103 .....  | Early Western Civilization .....                               | H2901 .....  | 3            |
| HIS 104 .....  | Modern Western Civilization .....                              | H2902 .....  | 3            |
| HUM 150 .....  | Humanities Through the Arts .....                              | HF900 .....  | 3            |
| HUM 151 .....  | Humanities Through History, Philosophy<br>and Literature ..... | H9900 .....  | 3            |
| HUM 154* ..... | Latin American Civilization and Culture .....                  | H2903N ..... | 3            |
| PHI 125* ..... | World Religions in Global Context .....                        | H5904N ..... | 3            |
| PHI 126†.....  | Introduction to Ethics .....                                   | H4904 .....  | 3            |
| PHI 180†.....  | Social Ethics .....                                            | H4904 .....  | 3            |
| PHI 201 .....  | Philosophy .....                                               | H4900 .....  | 3            |
| PHI 202 .....  | Introduction to Logic .....                                    | H4906 .....  | 3            |
| SPE 114.....   | Argumentation.....                                             | MC905.....   | 3            |
| SPN 202† ..... | Intermediate Spanish II .....                                  | H1900 .....  | 4            |
| SPN 215† ..... | Spanish Conversation and Composition I .....                   | H1900 .....  | 3            |
| SPN 216† ..... | Spanish Conversation and Composition II .....                  | H1900 .....  | 3            |

**9 Credit hours**

Students need to complete one course that incorporates cultural diversity.  
 These courses are marked with an asterisk (\*).  
 † Only one course marked with a dagger (†) within a single discipline area may be applied toward general education requirements. Additional courses from those marked with a dagger (†) may be applied toward electives.

## F. HEALTH, TECHNOLOGY AND COLLEGE READINESS

Chose at least one course from:

| Course Code   | Title                             | IAI Code     | Credit Hours |
|---------------|-----------------------------------|--------------|--------------|
| CPS 101 ..... | Informational Technologies.....   |              | 2            |
| CPS 111 ..... | Business Computer Systems.....    | BUS902 ..... | 3            |
| CPS 122 ..... | Multimedia Applications .....     |              | 3            |
| CPS 200 ..... | C++ Programming .....             | CS911 .....  | 3            |
| CSS 100 ..... | College Success Seminar .....     |              | 2            |
| PEC 101 ..... | Adaptive Physical Education ..... |              | 1            |
| PEC 131 ..... | Softball .....                    |              | 1            |
| PEC 132 ..... | Volleyball.....                   |              | 1            |
| PEC 133 ..... | Power Volleyball.....             |              | 1            |
| PEC 139 ..... | Golf.....                         |              | 1            |
| PEC 140 ..... | Golf II (Advanced).....           |              | 1            |
| PEC 155 ..... | Aerobic Exercise .....            |              | 1            |
| PEC 158 ..... | Basketball.....                   |              | 1            |
| PEC 159 ..... | Advanced Basketball .....         |              | 1            |
| PEC 171 ..... | Physical Fitness .....            |              | 1            |
| PEC 172 ..... | Advanced Physical Fitness.....    |              | 1            |
| PEC 173 ..... | Weight Training .....             |              | 1            |
| PEC 174 ..... | Advanced Weight Training.....     |              | 1            |

F. HEALTH, TECHNOLOGY AND COLLEGE READINESS (CONTINUED)

| Course Code   | Title                                          | IAI Code | Credit Hours |
|---------------|------------------------------------------------|----------|--------------|
| PEC 175 ..... | Circuit Training .....                         |          | 1            |
| PEC 176 ..... | Advanced Circuit Training.....                 |          | 1            |
| PEC 177 ..... | Weight Control and Exercise.....               |          | 1            |
| PEC 178 ..... | Soccer.....                                    |          | 1            |
| PEC 180 ..... | Introduction to Physical Education .....       |          | 1            |
| PEC 181 ..... | Jogging and Power Walking for Fitness.....     |          | 1            |
| PEC 183 ..... | Baseball.....                                  |          | 1            |
| PEC 184 ..... | Advanced Baseball .....                        |          | 1            |
| PEC 190 ..... | Sports Officiating .....                       |          | 2            |
| PEC 200 ..... | Leadership in Team and Individual Sports ..... |          | 2            |
| PEH 101 ..... | Personal Community Health.....                 |          | 3            |
| PEH 102 ..... | First Aid .....                                |          | 2            |
| PEH 103 ..... | Nutrition.....                                 |          | 3            |
| PEH 104 ..... | Foundations of Health/Physical Fitness .....   |          | 2            |
| PEH 105 ..... | Wellness .....                                 |          | 2            |

2 Credit hours

Students need to complete one course that incorporates Cultural Diversity.

These courses are marked with an asterisk (\*).

† Only one course marked with a dagger (†) within a single discipline area may be applied toward general education requirements. Additional courses from those marked with a dagger (†) may be applied toward electives.

OTHER REQUIREMENTS

- Complete the minimum required semester hours of electives. Students may receive a complete list of elective courses in the Academic Advising Department. Students should use a transfer guide when selecting electives as the transferability of courses is related to one's major and the transfer institution.
- Students who place into ENG 086 or ENG 088 are required to take CSS 100. Students transferring 15 or more college-level credit hours (i.e. 100 level courses or above) to Morton College are excluded from this requirement.
- All students must earn at least a "C" in ENG 101 and ENG 102 for satisfactory completion of the IAI General Education Core Curriculum and for graduation from the College in all university transfer degrees (A.A., A.S., A.F.A.)
- A maximum of four credits in physical education activity courses may be applied
- A maximum of nine credits in career courses may be used toward Associate in Arts and Associate in Science degrees.

# GENERAL EDUCATION CORE CURRICULUM (GECC)

## 37 CREDIT HOUR CREDENTIAL

The General Education Core Curriculum (GECC) is a credential that signifies a student's completion of the general education package of the Illinois Articulation Initiative (IAI). It is intended for students interested in transferring to an Illinois four-year college or university to complete a bachelor's degree. The GECC allows a student to transfer their courses as a complete package rather than individually. The GECC is aligned to the Associate of Arts degree and is comprised of courses approved by the Illinois Articulation Initiative (IAI). Individual IAI courses are accepted at most major colleges and universities throughout the state.

Upon successful completion of the General Education Core Curriculum (GECC) Credential, the graduate will be able to transfer their entire package of required General Education credits to an Illinois four-year college or university.

| FIRST SEMESTER            |                                                              | CREDIT HOURS               |
|---------------------------|--------------------------------------------------------------|----------------------------|
| ENG 101                   | Communications General Education Requirement.....            | 3                          |
| Humanities                | Humanities General Education Requirement.....                | 3                          |
| Mathematics               | Mathematics General Education Requirement.....               | 4-5                        |
| Behavioral/Social Science | Behavioral/Social Science General Education Requiremen ..... | 3                          |
|                           | .....                                                        | <b>Total 12-14</b>         |
| SECOND SEMESTER           |                                                              |                            |
| ENG 102                   | Communications General Education Requirement.....            | 3                          |
| Fine Art                  | Humanities General Education Requirement.....                | 3                          |
| Life Science              | Science General Education Requirement.....                   | 3-5                        |
| Behavioral/Social Science | Behavioral/Social Science General Education Requirement..... | 3                          |
|                           | .....                                                        | <b>Total 12-14</b>         |
| THIRD SEMESTER            |                                                              | CREDIT HOURS               |
| SPE 101                   | Communications General Education Requirement.....            | 3                          |
| Humanities or Fine Art    | Humanities General Education Requirement.....                | 3                          |
| Physical Science          | Science General Education Requirement.....                   | 3-5                        |
| Behavioral/Social Science | Behavioral/Social Science General Education Requirement..... | 3                          |
|                           | .....                                                        | <b>Total 12-14</b>         |
|                           | .....                                                        | <b>Overall Total 37-41</b> |

Students who intend to pursue the Associate in Arts Degree after completing the GECC Credential, should select electives from the AA Degree Requirements and must adhere to the requirements of the Illinois Articulation Initiative (IAI) for graduation, if planning to transfer within Illinois.

**PLEASE NOTE:**

- GECC Credential DOES NOT lead to a workforce certificate nor industry-recognized credential.
- Students may complete one course in Health/Technology/College Readiness, and an additional 21 hours in ELECTIVE CREDITS to complete the Associate in Arts Degree

- › Student pursuing a transfer degree from an Illinois college or must successfully complete one or more courses in Cultural Diversity, please see a Student Success Coach for available cultural diversity course options
- › Students should meet with their assigned Student Success Coach for academic planning each semester

# ASSOCIATE IN SCIENCE (A.S.) DEGREE REQUIREMENTS

This degree is for students who intend to pursue a Bachelor of Science Degree at a four-year college or university. Students pursuing this degree should complete the remaining required semester hours according to the requirements of the four-year school to which they plan to transfer. Students should consult with a Student Success coach when selecting elective courses to determine credit transferability.

## GENERAL EDUCATION REQUIREMENTS (41 CREDITS)

### A.COMMUNICATIONS

| Course Code   | Title                               | IAI Code    | Credit Hours |
|---------------|-------------------------------------|-------------|--------------|
| ENG 101 ..... | Rhetoric I .....                    | C1900 ..... | 3            |
| ENG 102 ..... | Rhetoric II .....                   | C1901R..... | 3            |
| SPE 101 ..... | Principles of Public Speaking ..... | C2900 ..... | 3            |

**9 Credit hours**

### B.BEHAVIORAL/SOCIAL SCIENCES

Complete a minimum of two courses, from two disciplines:

| Course Code    | Title                                             | IAI Code    | Credit Hours |
|----------------|---------------------------------------------------|-------------|--------------|
| ANT 101 .....  | Introduction to Anthropology .....                | S1902 ..... | 3            |
| ANT 102* ..... | Introduction to Cultural Anthropology.....        | S1901N..... | 3            |
| ANT 103.....   | Introduction to Archaeology .....                 | S1903 ..... | 3            |
| ECO 101 .....  | Principles of Economics I - Macroeconomics.....   | S3901 ..... | 3            |
| ECO 102 .....  | Principles of Economics II - Macroeconomics ..... | S3902 ..... | 3            |
| GEG 105*.....  | World Regional Geography .....                    | S4906N..... | 3            |
| GEG 107 .....  | Intro to Human Geography .....                    | S4900N..... | 3            |
| GEG 125*.....  | Geography of the Developing World .....           | S4902N..... | 3            |
| HIS 105 .....  | American History to 1865 .....                    | S2900 ..... | 3            |
| HIS 106 .....  | American History from 1865 .....                  | S2901 ..... | 3            |
| POL 201 .....  | U.S. National Government .....                    | S5900 ..... | 3            |
| POL 202 .....  | State and Local Government .....                  | S5902 ..... | 3            |
| PSY 101 .....  | Introduction to Psychology .....                  | S6900 ..... | 3            |
| PSY 201 .....  | Social Psychology .....                           | S8900 ..... | 3            |
| PSY 210 .....  | Child Growth and Development .....                | S6903 ..... | 3            |
| PSY 211 .....  | Adolescent Psychology .....                       | S6904 ..... | 3            |
| PSY 215 .....  | Life Span: Survey of Human Development .....      | S6902 ..... | 3            |
| SOC 100.....   | Introduction to Sociology .....                   | S7900 ..... | 3            |
| SOC 101 .....  | The Family .....                                  | S7902 ..... | 3            |
| SOC 102 .....  | Social Problems .....                             | S7901 ..... | 3            |
| SOC 201* ..... | Race and Ethnicity .....                          | S7903D..... | 3            |

**6 Credit hours**

\* Students need to complete one course that incorporates cultural diversity.  
These courses are marked with an asterisk (\*).

C.MATHEMATICS

Choose one course from:

| Course Code   | Title                                             | IAI Code      | Credit Hours |
|---------------|---------------------------------------------------|---------------|--------------|
| MAT 102 ..... | General Education Mathematics .....               | M1904.....    | 4            |
| MAT 121 ..... | Mathematics for Elementary School Teachers II ... | M1903.....    | 4            |
| MAT 124 ..... | Finite Mathematics .....                          | M1906.....    | 4            |
| MAT 141 ..... | Statistics .....                                  | M1902.....    | 4            |
| MAT 181 ..... | Discrete Mathematics .....                        | M1905.....    | 3            |
| MAT 201 ..... | Calculus I .....                                  | M1900-1 ..... | 5            |
| MAT 202 ..... | Calculus II .....                                 | M1900-2 ..... | 5            |
| MAT 203 ..... | Calculus III .....                                | M1900-3 ..... | 4            |
| MAT 224 ..... | Calculus for Business and Social Science .....    | M1900-B.....  | 4            |

and Choose one course from:

| Course Code   | Title                                             | IAI Code      | Credit Hours |
|---------------|---------------------------------------------------|---------------|--------------|
| MAT 102 ..... | General Education Mathematics .....               | M1904.....    | 4            |
| MAT 105 ..... | College Algebra .....                             |               | 4            |
| MAT 110 ..... | College Trigonometry .....                        |               | 3            |
| MAT 121 ..... | Mathematics for Elementary School Teachers II ... | M1903.....    | 4            |
| MAT 124 ..... | Finite Mathematics .....                          | M1906.....    | 4            |
| MAT 141 ..... | Statistics .....                                  | M1902.....    | 4            |
| MAT 150 ..... | Pre-Calculus with Trigonometry.....               |               | 5            |
| MAT 181 ..... | Discrete Mathematics .....                        | M1905.....    | 3            |
| MAT 201 ..... | Calculus I .....                                  | M1900-1 ..... | 5            |
| MAT 202 ..... | Calculus II .....                                 | M1900-2 ..... | 5            |
| MAT 203 ..... | Calculus III .....                                | M1900-3 ..... | 4            |
| MAT 215 ..... | Differential Equations .....                      |               | 3            |
| MAT 224 ..... | Calculus for Business and Social Science .....    | M1900-B.....  | 4            |

8 Credit hours

D.SCIENCE

(Must include one laboratory course).

Choose one course from Life Sciences:

| Course Code  | Title                               | IAI Code    | Credit Hours |
|--------------|-------------------------------------|-------------|--------------|
| BIO 100..... | Introducing Biology .....           | L1900.....  | 3            |
| BIO 102..... | Introduction to Biology .....       | L1900L..... | 4            |
| BIO 108..... | Introduction to Evolution .....     | L1907.....  | 3            |
| BIO 109..... | Introduction to Evolution Lab ..... | L1907L..... | 1            |
| BIO 110..... | Biology: A Cellular Approach .....  | L1900L..... | 5            |
| BIO 150..... | Heredity and Society.....           | L1906.....  | 3            |
| BIO 202..... | Environmental Biology.....          | L1905.....  | 3            |

and Choose one course from Physical Sciences:

| Course Code   | Title                     | IAI Code     | Credit Hours |
|---------------|---------------------------|--------------|--------------|
| CHM 105 ..... | General Chemistry I ..... | P1902L ..... | 5            |
| GEG 101 ..... | Physical Geography .....  | P1909 .....  | 3            |
| GEL 101 ..... | Physical Geology .....    | P1907L ..... | 4            |
| PHS 101 ..... | Astronomy .....           | P1906 .....  | 3            |
| PHS 103 ..... | Physical Science I .....  | P9900L ..... | 4            |
| PHY 101 ..... | General Physics I .....   | P1900L ..... | 5            |

and Choose an additional course from those listed above or from the following:

| Course Code   | Title                            | IAI Code     | Credit Hours |
|---------------|----------------------------------|--------------|--------------|
| BIO 111 ..... | Biology: A System Approach ..... | BIO910 ..... | 5            |
| BIO 203 ..... | Anatomy and Physiology I .....   |              | 4            |
| BIO 204 ..... | Anatomy and Physiology II .....  |              | 4            |
| BIO 212 ..... | Microbiology .....               |              | 4            |
| CHM 100 ..... | Fundamentals of Chemistry .....  |              | 4            |
| CHM 106 ..... | General Chemistry II .....       |              | 5            |
| CHM 205 ..... | Organic Chemistry I .....        |              | 5            |
| CHM 206 ..... | Organic Chemistry II .....       |              | 5            |
| PHY 102 ..... | General Physics II .....         |              | 5            |
| PHY 105 ..... | Physics I .....                  |              | 5            |
| PHY 205 ..... | Physics II .....                 |              | 5            |
| PHY 206 ..... | Physics III .....                |              | 5            |

**10 Credit hours**

## E. HUMANITIES

Choose a minimum of one course from the following fine art humanities courses:

| Course Code    | Title                                          | IAI Code      | Credit Hours |
|----------------|------------------------------------------------|---------------|--------------|
| ART 120 .....  | Art Appreciation .....                         | F2900 .....   | 3            |
| ART 125 .....  | Art History World Survey I Prehistoric .....   | F2901 .....   | 3            |
| .....          | ..... to 15th Century                          |               |              |
| ART 126† ..... | Art History World Survey II 15th Century ..... | F2902 .....   | 3            |
| .....          | ..... to Modern Art                            |               |              |
| ART 210* ..... | Diverse Perspectives in American Art .....     | F2 906D ..... | 3            |
| ART 217* ..... | Indigenous Art .....                           | F2903N .....  | 3            |
| ART 220 .....  | Latin American Traditions in Art .....         | F2903N .....  | 3            |
| HUM 150 .....  | Humanities Through the Arts .....              | HF900 .....   | 3            |
| HUM 153 .....  | Survey of Film History .....                   | F2909 .....   | 3            |
| MUS 100 .....  | Music Appreciation .....                       | F1900 .....   | 3            |
| MUS 101 .....  | History of Music: Pre-Twentieth Century .....  | F1901 .....   | 3            |
| MUS 102 .....  | History of Music: Twentieth Century .....      | F2902 .....   | 3            |

E. HUMANITIES (CONTINUED)

| Course Code | Title                           | IAI Code | Credit Hours |
|-------------|---------------------------------|----------|--------------|
| MUS 103*    | Music of Multicultural America  | F1905D   | 3            |
| MUS 105†    | Introduction to American Music  | F1904    | 3            |
| MUS 106†    | Trends in Modern American Music | F1904    | 3            |
| MUS 108*    | World Music Survey              | F1903N   | 3            |
| THR 108     | Theatre Experience              | F1907    | 3            |
| THR 110     | Introduction to Theatre         | F1908    | 3            |

and Choose a minimum of one course from the following humanities courses:

| Course Code | Title                                                    | IAI Code | Credit Hours |
|-------------|----------------------------------------------------------|----------|--------------|
| ENG 211     | Introduction to Literature                               | H3900    | 3            |
| ENG 215     | American Literature I                                    | H3914    | 3            |
| ENG 216     | American Literature II                                   | H3915    | 3            |
| ENG 218*    | U.S. Latino/Hispanic Literature                          | H3910D   | 3            |
| HIS 103     | Early Western Civilization                               | H2901    | 3            |
| HIS 104     | Modern Western Civilization                              | H2902    | 3            |
| HUM 150     | Humanities Through the Arts                              | HF900    | 3            |
| HUM 151     | Humanities Through History, Philosophy<br>and Literature | H9900    | 3            |
| HUM 154*    | Latin American Civilization and Culture                  | H2903N   | 3            |
| PHI 125*    | World Religions in Global Context                        | H5904N   | 3            |
| PHI 126†    | Introduction to Ethics                                   | H4904    | 3            |
| PHI 180†    | Social Ethics                                            | H4904    | 3            |
| PHI 201     | Philosophy                                               | H4900    | 3            |
| PHI 202     | Introduction to Logic                                    | H4906    | 3            |
| SPE 114     | Argumentation                                            | MC905    | 3            |
| SPN 202†    | Intermediate Spanish II                                  | H1900    | 4            |
| SPN 215†    | Spanish Conversation and Composition I                   | H1900    | 3            |
| SPN 216†    | Spanish Conversation and Composition II                  | H1900    | 3            |

6 Credit hours

\* Students need to complete one course that incorporates cultural diversity.

These courses are marked with an asterisk (\*).

† Only one course marked with a dagger (†) within a single discipline area may be applied toward general education requirements. Additional courses from those marked with a dagger (†) may be applied toward electives.

## F. HEALTH, TECHNOLOGY AND COLLEGE READINESS

Choose at least one course from:

| Course Code | Title                                    | IAI Code | Credit Hours |
|-------------|------------------------------------------|----------|--------------|
| CPS 101     | Information Technologies                 |          | 2            |
| CPS 111     | Business Computer Systems                | BUS902   | 3            |
| CPS 122     | Multimedia Applications                  |          | 3            |
| CPS 200     | C++ Programming                          | CS911    | 3            |
| CSS 100     | College Success Seminar                  |          | 2            |
| PEC 101     | Adaptive Physical Education              |          | 1            |
| PEC 131     | Softball                                 |          | 1            |
| PEC 132     | Volleyball                               |          | 1            |
| PEC 133     | Power Volleyball                         |          | 1            |
| PEC 139     | Golf                                     |          | 1            |
| PEC 140     | Golf II (Advanced)                       |          | 1            |
| PEC 155     | Aerobic Exercise                         |          | 1            |
| PEC 158     | Basketball                               |          | 1            |
| PEC 159     | Advanced Basketball                      |          | 1            |
| PEC 171     | Physical Fitness                         |          | 1            |
| PEC 172     | Advanced Physical Fitness                |          | 1            |
| PEC 173     | Weight Training                          |          | 1            |
| PEC 174     | Advanced Weight Training                 |          | 1            |
| PEC 175     | Circuit Training                         |          | 1            |
| PEC 176     | Advanced Circuit Training                |          | 1            |
| PEC 177     | Weight Control and Exercise              |          | 1            |
| PEC 178     | Soccer                                   |          | 1            |
| PEC 180     | Introduction to Physical Education       |          | 1            |
| PEC 181     | Jogging and Power Walking for Fitness    |          | 1            |
| PEC 183     | Baseball                                 |          | 1            |
| PEC 184     | Advanced Baseball                        |          | 1            |
| PEC 185     | Floor Hockey                             |          | 1            |
| PEC 190     | Sports Officiating                       |          | 2            |
| PEC 200     | Leadership in Team and Individual Sports |          | 2            |
| PEH 101     | Personal Community Health                |          | 3            |
| PEH 102     | First Aid                                |          | 2            |
| PEH 103     | Nutrition                                |          | 3            |
| PEH 104     | Foundations of Health/Physical Fitness   |          | 2            |
| PEH 105     | Wellness                                 |          | 2            |

**2 Credit hours**

### OTHER REQUIREMENTS

- Complete the minimum required semester hours of electives. Students may receive a complete list of elective courses in the Academic Advising Department. Students should use a transfer guide when selecting electives as the transferability of courses is related to one's major and the transfer institution.

- Students who place into ENG 086 or ENG 088 are required to take CSS 100. Students transferring 15 or more college-level credit hours (i.e. 100 level courses or above) to Morton College are excluded from this requirement.
- All students must earn at least a “C” in ENG 101 and ENG 102 for satisfactory completion of the IAI General Education Core Curriculum and for graduation from the College in all university transfer degrees (A.A., A.S., A.F.A.).
- A maximum of four (4) credits in physical education activity courses may be applied.
- A maximum of nine (9) credits in career courses may be used toward Associate in Arts and Associate in Science degrees.

# ASSOCIATE IN FINE ARTS IN ART (A.F.A.) DEGREE REQUIREMENTS

Students must meet the general education requirements listed below for the Associate in Fine Arts in Art (A.F.A.) Degree. To meet the IAI GECC, the student should take an additional social/behavioral science course. Students should consult with an Academic Advisor when selecting elective courses to determine credit transferability.

## GENERAL EDUCATION REQUIREMENTS (32 CREDITS)

### A. COMMUNICATIONS

| Course Code           | Title                               | IAI Code    | Credit Hours |
|-----------------------|-------------------------------------|-------------|--------------|
| ENG 101 .....         | Rhetoric I .....                    | C1900 ..... | 3            |
| ENG 102 .....         | Rhetoric II .....                   | C1901R..... | 3            |
| SPE 101 .....         | Principles of Public Speaking ..... | C2900 ..... | 3            |
| <b>9 Credit hours</b> |                                     |             |              |

### B.BEHAVIORAL/SOCIAL SCIENCES

Select three courses from at least two disciplines:

| Course Code    | Title                                             | IAI Code    | Credit Hours |
|----------------|---------------------------------------------------|-------------|--------------|
| ANT 101 .....  | Introduction to Anthropology .....                | S1902 ..... | 3            |
| ANT 102* ..... | Introduction to Cultural Anthropology .....       | S1901N..... | 3            |
| ANT 103.....   | Introduction to Archaeology .....                 |             | 3            |
| ECO 101 .....  | Principles of Economics I - Macroeconomics.....   | S3901 ..... | 3            |
| ECO 102 .....  | Principles of Economics II - Macroeconomics ..... | S3902 ..... | 3            |
| GEG 105* ..... | World Regional Geography .....                    | S4906N..... | 3            |
| GEG 107 .....  | Intro to Human Geography .....                    | S4900N..... | 3            |
| GEG 125* ..... | Geography of the Developing World .....           | S4902N..... | 3            |
| HIS 105 .....  | American History to 1865 .....                    | S2900 ..... | 3            |
| HIS 106 .....  | American History from 1865 .....                  | S2901 ..... | 3            |
| POL 201 .....  | U.S. National Government .....                    | S5900 ..... | 3            |
| POL 202 .....  | State and Local Government .....                  | S5902 ..... | 3            |
| PSY 101 .....  | Introduction to Psychology .....                  | S6900 ..... | 3            |
| PSY 201 .....  | Social Psychology .....                           | S8900 ..... | 3            |
| PSY 210 .....  | Child Growth and Development .....                | S6903 ..... | 3            |

**B.BEHAVIORAL/SOCIAL SCIENCES (CONTINUED)**

| Course Code    | Title                                        | IAI Code     | Credit Hours |
|----------------|----------------------------------------------|--------------|--------------|
| PSY 211 .....  | Adolescent Psychology .....                  | S6904 .....  | 3            |
| PSY 215 .....  | Life Span: Survey of Human Development ..... | S6902 .....  | 3            |
| SOC 100 .....  | Introduction to Sociology .....              | S7900 .....  | 3            |
| SOC 101 .....  | The Family .....                             | S7902 .....  | 3            |
| SOC 102 .....  | Social Problems .....                        | S7901 .....  | 3            |
| SOC 201* ..... | Race and Ethnicity .....                     | S7903D ..... | 3            |

**6 Credit hours**

\* Students are strongly encouraged to complete one course that incorporates cultural diversity. These courses are marked with an asterisk (\*).

**C.MATHEMATICS**

Please select 1-2 courses from the following:

| Course Code   | Title                                             | IAI Code      | Credit Hours |
|---------------|---------------------------------------------------|---------------|--------------|
| MAT 102 ..... | General Education Mathematics .....               | M1904 .....   | 4            |
| MAT 121 ..... | Mathematics for Elementary School Teachers II ... | M1903 .....   | 4            |
| MAT 124 ..... | Finite Mathematics .....                          | M1906 .....   | 4            |
| MAT 141 ..... | Statistics .....                                  | M1902 .....   | 4            |
| MAT 181 ..... | Discrete Mathematics .....                        | M1905 .....   | 3            |
| MAT 201 ..... | Calculus I .....                                  | M1900-1 ..... | 5            |
| MAT 202 ..... | Calculus II .....                                 | M1900-2 ..... | 5            |
| MAT 203 ..... | Calculus III .....                                | M1900-3 ..... | 4            |
| MAT 224 ..... | Calculus for Business and Social Science .....    | M1900-B ..... | 4            |

**4 Credit hours**

**D.SCIENCE**

(Must include one laboratory course).

Choose one course from Life Sciences:

| Course Code   | Title                               | IAI Code     | Credit Hours |
|---------------|-------------------------------------|--------------|--------------|
| BIO 100 ..... | Introducing Biology .....           | L1900 .....  | 3            |
| BIO 102 ..... | Introduction to Biology .....       | L1900L ..... | 4            |
| BIO 108 ..... | Introduction to Evolution .....     | L1907 .....  | 3            |
| BIO 109 ..... | Introduction to Evolution Lab ..... | L1907L ..... | 1            |
| BIO 110 ..... | Biology: A Cellular Approach .....  | L1900L ..... | 5            |
| BIO 150 ..... | Heredity and Society .....          | L1906 .....  | 3            |
| BIO 202 ..... | Environmental Biology .....         | L1905 .....  | 3            |

D.SCIENCE (CONTINUED)

and Choose one course from Physical Sciences:

| Course Code   | Title                     | IAI Code     | Credit Hours |
|---------------|---------------------------|--------------|--------------|
| CHM 105 ..... | General Chemistry I ..... | P1902L ..... | 5            |
| GEG 101 ..... | Physical Geography .....  | P1909 .....  | 3            |
| GEL 101 ..... | Physical Geology .....    | P1907L ..... | 4            |
| PHS 101 ..... | Astronomy .....           | P1906 .....  | 3            |
| PHS 103 ..... | Physical Science I .....  | P9900L ..... | 4            |
| PHY 101 ..... | General Physics I .....   | P1900L ..... | 5            |

7 Credit hours

E. HUMANITIES

| Course Code    | Title                                                    | IAI Code     | Credit Hours |
|----------------|----------------------------------------------------------|--------------|--------------|
| ART-210* ..... | Diverse Perspectives in American Art .....               | F2906D ..... | 3            |
| ENG 211 .....  | Introduction to Literature .....                         | H3900 .....  | 3            |
| ENG 215 .....  | American Literature I .....                              | H3914 .....  | 3            |
| ENG 216 .....  | American Literature II .....                             | H3915 .....  | 3            |
| ENG 218* ..... | U.S. Latino/Hispanic Literature .....                    | H3910D.....  | 3            |
| HIS 103 .....  | Early Western Civilization .....                         | H2901 .....  | 3            |
| HIS 104 .....  | Modern Western Civilization .....                        | H2902 .....  | 3            |
| HUM 150 .....  | Humanities Through the Arts .....                        | HF900 .....  | 3            |
| HUM 151 .....  | Humanities Through History, Philosophy<br>and Literature | H9900 .....  | 3            |
| HUM 154* ..... | Latin American Civilization and Culture .....            | H2903N ..... | 3            |
| PHI 125* ..... | World Religions in Global Context .....                  | H5904N ..... | 3            |
| PHI 126 .....  | Introduction to Ethics .....                             | H4904 .....  | 3            |
| PHI 180 .....  | Social Ethics .....                                      | H4904 .....  | 3            |
| PHI 201 .....  | Philosophy .....                                         | H4900 .....  | 3            |
| PHI 202 .....  | Introduction to Logic .....                              | H4906 .....  | 3            |
| SPE 114.....   | Argumentation .....                                      | MC905 .....  | 3            |
| SPN 202 .....  | Intermediate Spanish II .....                            | H1900 .....  | 3            |
| SPN 215 .....  | Spanish Conversation and Composition I .....             | H1900 .....  | 3            |
| SPN 216 .....  | Spanish Conversation and Composition II .....            | H1900 .....  | 3            |

6 Credit hours

\* Students are strongly encouraged to complete one course that incorporates cultural diversity. These courses are marked with an asterisk (\*). It is recommended that students check with a success coach on current cultural diversity eligibility before registration.

E. HUMANITIES (CONTINUED)  
OTHER REQUIREMENTS

- Complete 30 credit hours of major area requirements and elective courses distributed as follow:
- Major Area Required courses

| Course Code   | Title                                                        | IAI Code | Credit Hours |
|---------------|--------------------------------------------------------------|----------|--------------|
| ART 101 ..... | Two-Dimensional Fundamentals.....                            |          | 3            |
| ART 102 ..... | Three-Dimensional Fundamentals .....                         |          | 3            |
| ART 103 ..... | Drawing I .....                                              |          | 3            |
| ART 104 ..... | Drawing II .....                                             |          | 3            |
| ART 125 ..... | Art History World Survey I: Prehistoric to 15th Century..... |          | 3            |
| ART 126 ..... | Art History World Survey II: 15th Century to Modern Art..... |          | 3            |
| ART 203 ..... | Figure Drawing I.....                                        |          | 3            |

Elective Studio Art courses

Choose three studio art courses in consultation with an art department advisor.

| Course Code   | Title                             | IAI Code | Credit Hours |
|---------------|-----------------------------------|----------|--------------|
| ART 105 ..... | Painting I.....                   |          | 3            |
| ART 107 ..... | Watercolor .....                  |          | 3            |
| ART 111 ..... | Sculpture I .....                 |          | 3            |
| ART 113 ..... | Ceramics I .....                  |          | 3            |
| ART 115 ..... | Photography I .....               |          | 3            |
| ART 116 ..... | Photography II .....              |          | 3            |
| ART 117 ..... | Digital Photography .....         |          | 3            |
| ART 130 ..... | Introduction to Digital Art ..... |          | 3            |
| ART 131 ..... | Graphic Design I.....             |          | 3            |
| ART 205 ..... | Painting II.....                  |          | 3            |
| ART 211 ..... | Sculpture II .....                |          | 3            |
| ART 213 ..... | Ceramics II.....                  |          | 3            |

- Students who place into ENG 086 or ENG 088 are required to take CSS 100. Students transferring 15 or more college-level credit hours (i.e. 100 level courses or above) to Morton College are excluded from this requirement.
- All students must earn at least a “C” in ENG 101 and ENG 102 for satisfactory completion of the IAI General Education Core Curriculum for graduation from the College in all university transfer degrees (A.A., A.S., A.F.A.).

# ASSOCIATE IN ENGINEERING SCIENCE (A.E.S.) DEGREE REQUIREMENTS

Students must meet the general education requirements listed below for the Association in Engineering Science (A.E.S.) degree. To meet the IAI GECC requirements, the student should take an additional course in communications, life science, and social/behavioral science. Students should consult with their Student Success Coach when selecting elective courses to determine credit transferability.

General Education Requirements (40 Credits)

## A. COMMUNICATIONS

| Course Code           | Title             | IAI Code    | Credit Hours |
|-----------------------|-------------------|-------------|--------------|
| ENG 101 .....         | Rhetoric I .....  | C1900 ..... | 3            |
| ENG102 .....          | Rhetoric II ..... | C1901R..... | 3            |
| <b>6 Credit hours</b> |                   |             |              |

## B. BEHAVIORAL/SOCIAL SCIENCES

Complete a minimum of 2 courses from at least two disciplines:

| Course Code    | Title                                             | IAI Code     | Credit Hours |
|----------------|---------------------------------------------------|--------------|--------------|
| ANT 101 .....  | Introduction to Anthropology.....                 | S1902 .....  | 3            |
| ANT 102* ..... | Introduction to Cultural Anthropology.....        | S1901N.....  | 3            |
| ANT 103.....   | Introduction to Archaeology .....                 | S1903 .....  | 3            |
| ECO 101 .....  | Principles of Economics I - Macroeconomics.....   | S3901 .....  | 3            |
| ECO 102 .....  | Principles of Economics II - Macroeconomics ..... | S3902 .....  | 3            |
| GEG 105*.....  | World Regional Geography .....                    | S4906N.....  | 3            |
| GEG 107 .....  | Intro to Human Geography .....                    | S4900N.....  | 3            |
| GEG 125*.....  | Geography of the Developing World.....            | S4902N ..... | 3            |
| HIS 105 .....  | American History to 1865 .....                    | S2900 .....  | 3            |
| HIS 106.....   | American History from 1865 .....                  | S2901 .....  | 3            |
| POL 201.....   | U.S. National Government .....                    | S5900 .....  | 3            |
| POL 202.....   | State and Local Government .....                  | S5902 .....  | 3            |
| PSY 101 .....  | Introduction to Psychology.....                   | S6900 .....  | 3            |
| PSY 201 .....  | Social Psychology.....                            | S8900 .....  | 3            |
| PSY 210.....   | Child Growth and Development .....                | S6903 .....  | 3            |
| PSY 211 .....  | Adolescent Psychology.....                        | S6904 .....  | 3            |

B. BEHAVIORAL/SOCIAL SCIENCES (CONTINUED)

| Course Code    | Title                                       | IAI Code    | Credit Hours |
|----------------|---------------------------------------------|-------------|--------------|
| PSY 215.....   | Life Span: Survey of Human Development..... | S6902 ..... | 3            |
| SOC 100.....   | Introduction to Sociology.....              | S7900 ..... | 3            |
| SOC 101.....   | The Family.....                             | S7902 ..... | 3            |
| SOC 102.....   | Social Problems.....                        | S7901 ..... | 3            |
| SOC 201*.....  | Race and Ethnicity.....                     | S7903D..... | 3            |
| 6 Credit hours |                                             |             |              |

\*Students are strongly encouraged to complete one course that incorporates cultural diversity. These courses are marked with an asterisk (\*).

C. MATHEMATICS

Required courses:

| Course Code     | Title             | IAI Code      | Credit Hours |
|-----------------|-------------------|---------------|--------------|
| MAT201 .....    | Calculus I.....   | M1900-1 ..... | 5            |
| MAT202 .....    | Calculus II.....  | M1900-2 ..... | 5            |
| MAT203 .....    | Calculus III..... | M1900-3 ..... | 4            |
| 14 Credit hours |                   |               |              |

D. SCIENCE

Required course:

| Course Code    | Title                     | IAI Code     | Credit Hours |
|----------------|---------------------------|--------------|--------------|
| CHM105 .....   | General Chemistry I ..... | P1902L ..... | 5            |
| 5 Credit hours |                           |              |              |

E. HUMANITIES

Complete 3 courses:

Choose one or more courses from Fine Arts:

| Course Code   | Title                                                          | IAI Code      | Credit Hours |
|---------------|----------------------------------------------------------------|---------------|--------------|
| ART 120.....  | Art Appreciation.....                                          | F2900.....    | 3            |
| ART 125.....  | Art History World Survey I Prehistoric.....<br>to 15th Century | F2901.....    | 3            |
| ART 126.....  | Art History World Survey II 15th Century.....<br>to Modern Art | F2902.....    | 3            |
| ART 210*..... | Diverse Perspectives in American Art.....                      | F2 906D ..... | 3            |
| ART 220.....  | Latin American Traditions in Art.....                          | F2903N .....  | 3            |
| ENG 211 ..... | Introduction to Literature.....                                | H3900 .....   | 3            |
| ENG 215 ..... | American Literature I.....                                     | H3914 .....   | 3            |
| ENG 216 ..... | American Literature II.....                                    | H3915 .....   | 3            |

## E. HUMANITIES (CONTINUED)

| Course Code    | Title                                        | IAI Code     | Credit Hours |
|----------------|----------------------------------------------|--------------|--------------|
| ART 217*       | Indigenous Art .....                         | F2903N ..... | 3            |
| ENG 218*       | U.S. Latino/Hispanic Literature.....         | H3910D.....  | 3            |
| HIS 103 .....  | Early Western Civilization .....             | H2901 .....  | 3            |
| HIS 104 .....  | Modern Western Civilization.....             | H2902 .....  | 3            |
| HUM 150 .....  | Humanities Through the Arts.....             | HF900 .....  | 3            |
| HUM 151 .....  | Humanities Through History, Philosophy ..... | H9900 .....  | 3            |
|                | and Literature                               |              |              |
| HUM 153 .....  | Survey of Film History .....                 | F2909.....   | 3            |
| HUM 154*       | Latin American Civilization and Culture..... | H2903N ..... | 3            |
| MUS 100.....   | Music Appreciation .....                     | F1900.....   | 3            |
| MUS 101.....   | History of Music: Pre-Twentieth Century..... | F1901.....   | 3            |
| MUS 102.....   | History of Music: Twentieth Century .....    | F2902.....   | 3            |
| MUS 103* ..... | Music of Multicultural America.....          | F1905D ..... | 3            |
| MUS 105†.....  | Introduction to American Music.....          | F1904.....   | 3            |
| MUS 106†.....  | Trends in Modern American Music .....        | F1904.....   | 3            |
| MUS 108* ..... | World Music Survey .....                     | F1903N ..... | 3            |
| PHI 125* ..... | World Religions in Global Context .....      | H5904N ..... | 3            |
| PHI 126 .....  | Introduction to Ethics .....                 | H4904 .....  | 3            |
| PHI 180 .....  | Social Ethics .....                          | H4904 .....  | 3            |
| PHI 201 .....  | Philosophy.....                              | H4900 .....  | 3            |
| PHI 202 .....  | Introduction to Logic .....                  | H4906 .....  | 3            |
| SPE 114.....   | Argumentation .....                          | MC905 .....  | 3            |
| SPN 202 .....  | Intermediate Spanish II.....                 | H1900 .....  | 4            |
| SPN 215 .....  | Spanish Conversation and Composition I.....  | H1900 .....  | 3            |
| SPN 216 .....  | Spanish Conversation and Composition II..... | H1900 .....  | 3            |
| THR 108.....   | Theatre Experience .....                     | F1907 .....  | 3            |
| THR 110.....   | Introduction to Theatre.....                 | F1908.....   | 3            |

### 9 Credit hours

\* Students are strongly encouraged to complete one course that incorporates cultural diversity. These courses are marked with an asterisk (\*).

Other Requirements

Complete 25 credit hours of major area requirements as follows:

Major Area Required Courses

| Course Code  | Title                        | IAI Code     | Credit Hours |
|--------------|------------------------------|--------------|--------------|
| CPS 200..... | C++ Programming.....         | CS911 .....  | 3            |
| EGR110.....  | Engineering Graphics I ..... |              | 3            |
| EGR120.....  | Statics.....                 | EGR942 ..... | 3            |
| EGR121.....  | Dynamics .....               | EGR943 ..... | 3            |
| MAT215.....  | Differential Equations ..... |              | 3            |
| PHY105.....  | Physics I.....               |              | 5            |
| PHY205.....  | Physics II .....             |              | 5            |

- Students who place into ENG 086 or ENG 088 are required to take CSS 100. Students transferring 15 or more college-level credit hours (i.e. 100 level courses or above) to Morton College are excluded from this requirement.
- All students must earn at least a “C” in ENG101 and ENG102 for satisfactory completion of the IAI GECC and for graduation from the College in all university transfer degrees (A.A., A.S., A.F.A., A.E.S.
- Because completion of the Associate in Engineering Science (A.E.S.) curriculum does not fulfill the requirements of the IAI GECC, students will need to complete the general education requirements of the institution to which they transfer. However, to meet the IAI GECC requirements, the student should take an additional course in communications, life science, and behavioral/social science.

# LIBERAL STUDIES PROGRAM

## ASSOCIATE IN LIBERAL STUDIES (A.L.S.)

The Liberal Studies Program, which leads to an Associate in Liberal Studies (A.L.S.) degree, is designed for students desiring up to two years of college courses for a specific purpose. This curriculum may include university transfer courses and career courses. The curriculum stresses flexibility and is tailored to the individual needs of students. Each student develops a curriculum with the assistance of an Student Success Coach and completes the general education and graduation requirements listed under the Associate in Liberal Studies Degree Requirements. Depending on a student's curriculum, all or part of the course work may be accepted at a four-year college or university.

## ASSOCIATE IN LIBERAL STUDIES (A.L.S.) DEGREE REQUIREMENTS

Students must meet the general education requirements listed below for the Associate in Liberal Studies (A.L.S.) Degree. Students pursuing this degree should complete the remaining required credit hours according to the requirements of the four-year school to which they plan to transfer. Students should consult with an Student success coach when selecting elective courses to determine credit transferability.

### GENERAL EDUCATION REQUIREMENTS (20 CREDITS)

#### A.COMMUNICATIONS

Chose at least one course from:

| Course Code   | Title                              | IAI Code    | Credit Hours |
|---------------|------------------------------------|-------------|--------------|
| ENG 101 ..... | Rhetoric I .....                   | C1900 ..... | 3            |
| JRN 101 ..... | Beginning Reporting .....          | C1901R..... | 3            |
| SPE 101 ..... | Principles of Public Speaking..... | C2900 ..... | 3            |

**3 Credit hours**

#### B.BEHAVIORAL/SOCIAL SCIENCES

Chose at least one course from:

| Course Code   | Title                                             | IAI Code    | Credit Hours |
|---------------|---------------------------------------------------|-------------|--------------|
| ANT 101 ..... | Introduction to Anthropology.....                 | S1902 ..... | 3            |
| ANT 102 ..... | Introduction to Cultural Anthropology.....        | S1901N..... | 3            |
| ANT 103 ..... | Introduction to Archaeology .....                 | S1903 ..... | 3            |
| ECO 101 ..... | Principles of Economics I - Macroeconomics.....   | S390 .....  | 3            |
| ECO 102 ..... | Principles of Economics II - Macroeconomics ..... | S3902 ..... | 3            |
| GEG 105 ..... | World Regional Geography .....                    | S4906N..... | 3            |
| GEG 107 ..... | Intro to Human Geography .....                    | S4900N..... | 3            |
| GEG 125 ..... | Geography of the Developing World.....            | S4902N..... | 3            |
| HIS 105 ..... | American History to 1865 .....                    | S2900 ..... | 3            |
| HIS 106 ..... | American History from 1865 .....                  | S2900 ..... | 3            |
| HIS 190 ..... | War and Western Society.....                      | L1906.....  | 3            |
| POL 201 ..... | U.S. National Government .....                    | S5900 ..... | 3            |
| POL 202 ..... | State and Local Government .....                  | S5902 ..... | 3            |

**BEHAVIORAL/SOCIAL SCIENCES (CONTINUED)**

| Course Code   | Title                                        | IAI Code    | Credit Hours |
|---------------|----------------------------------------------|-------------|--------------|
| PSY 101 ..... | Introduction to Psychology.....              | S6900 ..... | 3            |
| PSY 201 ..... | Social Psychology.....                       | S8900 ..... | 3            |
| PSY 210 ..... | Child Growth and Development .....           | S6903 ..... | 3            |
| PSY 211 ..... | Adolescent Psychology.....                   | S6904 ..... | 3            |
| PSY 215 ..... | Life Span: Survey of Human Development ..... | S6902 ..... | 3            |
| SOC 100 ..... | Introduction to Sociology .....              | S7900 ..... | 3            |
| SOC 101 ..... | The Family .....                             | S7902 ..... | 3            |
| SOC 102 ..... | Social Problems.....                         | S7901 ..... | 3            |
| SOC 201 ..... | Race and Ethnicity .....                     | S7903D..... | 3            |
| SOC 220 ..... | Introduction to Social Work.....             |             | 3            |

**3 Credit hours**

**C.SCIENCE OR MATHEMATICS**

Choose at least one course from:

| Course Code   | Title                                       | IAI Code            | Credit Hours |
|---------------|---------------------------------------------|---------------------|--------------|
| BIO 100 ..... | Introducing Biology .....                   | L1900.....          | 3            |
| BIO 102 ..... | Introduction to Biology .....               | L1900L.....         | 4            |
| BIO 110 ..... | Biology: A Cellular Approach.....           | BIO910, L1900L..... | 5            |
| BIO 108.....  | Introduction to Evolution .....             | L1907.....          | 3            |
| BIO 109.....  | Introduction to Evolution Lab .....         | L1907L.....         | 1            |
| BIO 111 ..... | Biology: A System Approach .....            | BIO910.....         | 5            |
| BIO 150 ..... | Heredity and Society.....                   | L1906.....          | 3            |
| BIO 152 ..... | Anatomy and Physiology (Therapies).....     |                     | 5            |
| BIO 202 ..... | Environmental Biology.....                  | L1905.....          | 3            |
| BIO 203 ..... | Anatomy and Physiology I.....               |                     | 4            |
| BIO 204 ..... | Anatomy and Physiology II.....              |                     | 4            |
| BIO 212 ..... | Microbiology .....                          |                     | 4            |
| CHM 100 ..... | Fundamentals of Chemistry .....             |                     | 4            |
| CHM 101 ..... | Chemistry in Action: Chemistry in Art ..... |                     | 4            |
| CHM 102 ..... | Intro to Chemistry II.....                  |                     | 4            |
| CHM 105 ..... | General Chemistry I .....                   | P1902L .....        | 5            |
| CHM 106 ..... | General Chemistry II.....                   |                     | 5            |
| CHM 205 ..... | Organic Chemistry I .....                   |                     | 5            |
| CHM 206 ..... | Organic Chemistry II .....                  |                     | 5            |
| CPS 101 ..... | Information Technologies .....              |                     | 2            |
| CPS 111 ..... | Business Computer Systems.....              | BUS902 .....        | 3            |
| CPS 122 ..... | Multimedia Applications .....               |                     | 3            |
| CPS 200 ..... | C++ Programming .....                       |                     | 3            |
| GEG 101 ..... | Physical Geography.....                     | P1909 .....         | 5            |
| GEL 101 ..... | Physical Geology .....                      | P1907L .....        | 4            |
| MAT 102 ..... | General Education Mathematics .....         | M1904.....          | 4            |

C.SCIENCE OR MATHEMATICS (CONTINUED)

| Course Code | Title                                         | IAI Code      | Credit Hours |
|-------------|-----------------------------------------------|---------------|--------------|
| MAT 105     | College Algebra                               |               | 4            |
| MAT 110     | College Trigonometry                          |               | 3            |
| MAT 120     | Mathematics for Elementary School Teachers I  |               | 4            |
| MAT 121     | Mathematics for Elementary School Teachers II |               | 4            |
| MAT 124     | Finite Mathematics                            | M1906         | 4            |
| MAT 141     | Statistics                                    | BUS901, M1902 | 4            |
| MAT 181     | Discrete Mathematics                          | M1905         | 3            |
| MAT 201     | Calculus I                                    | M1900-1       | 5            |
| MAT 202     | Calculus II                                   | M1900-2       | 5            |
| MAT 203     | Calculus III                                  | M1900-3       | 4            |
| MAT 215     | Differential Equations                        |               | 3            |
| MAT 224     | Calculus for Business and Social Science      | M1900B        | 4            |
| PHS 101     | Astronomy                                     | P1906         | 3            |
| PHS 103     | Physical Science I                            | P1906         | 3            |
| PHY 101     | General Physics I                             | P1900L        | 5            |
| PHY 102     | General Physics II                            |               | 5            |
| PHY 105     | Physics I                                     | PY911         | 5            |
| PHY 205     | Physics II                                    | PHY912        | 5            |
| PHY 206     | Physics III                                   |               | 5            |

4 Credit hours

D. HUMANITIES

Chose at least one course from

| Course Code | Title                                                     | IAI Code | Credit Hours |
|-------------|-----------------------------------------------------------|----------|--------------|
| ART 101     | Two-Dimensional Fundamentals                              |          | 3            |
| ART 102     | Three-Dimensional Fundamentals                            |          | 3            |
| ART 103     | Drawing I                                                 |          | 3            |
| ART 104     | Drawing II                                                |          | 3            |
| ART 105     | Painting I                                                |          | 3            |
| ART 107     | Watercolor                                                |          | 3            |
| ART 111     | Sculpture I                                               |          | 3            |
| ART 113     | Ceramics I                                                |          | 3            |
| ART 115     | Photography I                                             |          | 3            |
| ART 116     | Photography II                                            |          | 3            |
| ART 117     | Digital Photography                                       |          | 3            |
| ART 120     | Art Appreciation                                          | F2900    | 3            |
| ART 125     | Art History World Survey I Prehistoric<br>to 15th Century | F2901    | 3            |
| ART 126     | Art History World Survey II 15th Century<br>to Modern Art | F2902    | 3            |
| ART 130     | Introduction to Digital Art                               |          | 3            |
| ART 131     | Graphic Design I                                          |          | 3            |
| ART 203     | Figure Drawing I                                          |          | 3            |
| ART 204     | Figure Drawing II                                         |          | 3            |

## D. HUMANITIES (CONTINUED)

| Course Code | Title                                                          | IAI Code | Credit Hours |
|-------------|----------------------------------------------------------------|----------|--------------|
| ART 205     | Painting II.....                                               |          | 3            |
| ART 210*    | Diverse Perspectives in American Art.....                      | F2906D   | 3            |
| ART 211     | Sculpture II .....                                             |          | 3            |
| ART 213     | Ceramics II.....                                               |          | 3            |
| ART 217     | Indigenous Art .....                                           | F2903N   | 3            |
| ART 220     | Latin American Traditions in Art .....                         | F2903N   | 3            |
| ENG 211     | Introduction to Literature.....                                | H3900    | 3            |
| ENG 215     | American Literature I .....                                    | H3914    | 3            |
| ENG 216     | American Literature II .....                                   | H3915    | 3            |
| ENG 218     | U.S. Latino/Hispanic Literature.....                           | H3910D   | 3            |
| HIS 103     | Early Western Civilization .....                               | H2901    | 3            |
| HIS 104     | Modern Western Civilization .....                              | H2902    | 3            |
| HUM 150     | Humanities Through the Arts.....                               | HF900    | 3            |
| HUM 151     | Humanities Through History, Philosophy<br>and Literature ..... | H9900    | 3            |
| HUM 153     | Survey of Film Histor .....                                    | F2909    | 3            |
| HUM 154     | Latin American Civilization and Culture.....                   | H2903N   | 3            |
| MUS 100     | Music Appreciation .....                                       | F1900    | 3            |
| MUS 101     | History of Music: Pre-Twentieth Century.....                   | F1901    | 3            |
| MUS 102     | History of Music: Twentieth Century .....                      | F1902    | 3            |
| MUS 103     | Music of Multicultural America.....                            | F1905D   | 3            |
| MUS 106     | Trends in Modern American Music .....                          | F1904    | 3            |
| MUS 108     | World Music Survey .....                                       | F1903N   | 3            |
| MUS 110     | Music Theory I .....                                           |          | 3            |
| MUS 111     | Music Theory II .....                                          |          | 3            |
| MUS 115     | Ear Training and Sight Singing I.....                          |          | 3            |
| MUS 116     | Ear Training and Sight Singing II.....                         |          | 3            |
| MUS 121     | College Choir .....                                            |          | 1            |
| MUS 122     | College Singers I.....                                         |          | 1            |
| MUS 123     | Popular Music Ensemble I.....                                  |          | 1            |
| MUS 127     | Community Chorus.....                                          |          | 1            |
| MUS 128     | Symphonic Orchestra I .....                                    |          | 1            |
| MUS 129     | Concert Band I .....                                           |          | 1            |
| MUS 130     | Private Applied Piano Music Major I .....                      |          | 2            |
| MUS 131     | Private Applied Piano Music Minor I .....                      |          | 1            |
| MUS 160     | Private Applied Piano Music Major II .....                     |          | 1            |
| MUS 210     | Music Theory 3 .....                                           |          | 3            |
| MUS 211     | Music Theory 4 .....                                           |          | 3            |
| MUS 215     | Ear Training and Sight Singing III .....                       |          | 1            |
| MUS 216     | Ear Training and Sight Singing IV.....                         |          | 1            |
| PHI 125     | World Religions in Global Context .....                        | H5904N   | 3            |
| PHI 126     | Introduction to Ethics.....                                    | H4904    | 3            |
| PHI 180     | Social Ethics .....                                            | H4904    | 3            |
| PHI 201     | Philosophy.....                                                | H4900    | 3            |

## HUMANITIES (CONTINUED)

| Course Code   | Title                                           | IAI Code    | Credit Hours |
|---------------|-------------------------------------------------|-------------|--------------|
| PHI 202 ..... | Introduction to Logic .....                     | H4906 ..... | 3            |
| SPE 114 ..... | Argumentation .....                             | MC905 ..... | 3            |
| SPN 101 ..... | Beginning Spanish I .....                       |             | 4            |
| SPN 102 ..... | Beginning Spanish II .....                      |             | 4            |
| SPN 120 ..... | Occupational Spanish I .....                    |             | 4            |
| SPN 121 ..... | Spanish for Healthcare Professionals .....      |             | 3            |
| SPN 130 ..... | Spanish for Heritage Speakers .....             |             | 4            |
| SPN 201 ..... | Intermediate Spanish I .....                    |             | 4            |
| SPN 202 ..... | Intermediate Spanish II .....                   | H1900 ..... | 3            |
| SPN 215 ..... | Spanish Conversation and Composition I .....    | H1900 ..... | 3            |
| SPN 216 ..... | Spanish Conversation and Composition II .....   | H1900 ..... | 4            |
| SPN 220 ..... | Culture and Civilization of Latin America ..... |             | 3            |
| SPN 225 ..... | Spanish American Literature I .....             |             | 3            |
| SPN 226 ..... | Spanish American Literature II .....            |             | 3            |
| THR 107 ..... | Theatre Practice Seminar .....                  |             | 3            |
| THR 108 ..... | Theatre Experience .....                        | F1907 ..... | 3            |
| THR 110 ..... | Introduction to Theatre .....                   | F1908 ..... | 3            |
| THR 112 ..... | Theatre Practicum .....                         |             | 2            |
| THR 113 ..... | Summer Theatre Workshop .....                   |             | 2            |
| THR 125 ..... | Fundamentals of Acting .....                    | TA914 ..... | 3            |

**3 Credit hours**

## E. HEALTH, TECHNOLOGY AND COLLEGE READINESS

Chose at least one course from:

| Course Code   | Title                             | IAI Code     | Credit Hours |
|---------------|-----------------------------------|--------------|--------------|
| CPS 101 ..... | Information Technologies .....    |              | 2            |
| CPS 111 ..... | Business Computer Systems .....   | BUS902 ..... | 3            |
| CPS 122 ..... | Multimedia Applications .....     |              | 3            |
| CPS 200 ..... | C++ Programming .....             | CS911 .....  | 3            |
| CSS 100 ..... | College Success Seminar .....     |              | 2            |
| PEC 101 ..... | Adaptive Physical Education ..... |              | 1            |
| PEC 131 ..... | Softball .....                    |              | 1            |
| PEC 132 ..... | Volleyball .....                  |              | 1            |
| PEC 133 ..... | Power Volleyball .....            |              | 1            |
| PEC 139 ..... | Golf .....                        |              | 1            |
| PEC 140 ..... | Golf II (Advanced) .....          |              | 1            |
| PEC 155 ..... | Aerobic Exercise .....            |              | 1            |
| PEC 158 ..... | Basketball .....                  |              | 1            |
| PEC 159 ..... | Advanced Basketball .....         |              | 1            |

HEALTH, TECHNOLOGY AND COLLEGE READINESS (CONTINUED)

| Course Code | Title                                    | IAI Code | Credit Hours |
|-------------|------------------------------------------|----------|--------------|
| PEC 171     | Physical Fitness                         |          | 1            |
| PEC 172     | Advanced Physical Fitness                |          | 1            |
| PEC 173     | Weight Training                          |          | 1            |
| PEC 174     | Advanced Weight Training                 |          | 1            |
| PEC 175     | Circuit Training                         |          | 1            |
| PEC 176     | Advanced Circuit Training                |          | 1            |
| PEC 177     | Weight Control and Exercise              |          | 1            |
| PEC 178     | Soccer                                   |          | 1            |
| PEC 180     | Introduction to Physical Education       |          | 1            |
| PEC 181     | Jogging and Power Walking for Fitness    |          | 1            |
| PEC 183     | Baseball                                 |          | 1            |
| PEC 184     | Advanced Baseball                        |          | 1            |
| PEC 190     | Sports Officiating                       |          | 2            |
| PEC 200     | Leadership in Team and Individual Sports |          | 2            |
| PEH 101     | Personal Community Health                |          | 3            |
| PEH 102     | First Aid                                |          | 2            |
| PEH 103     | Nutrition                                |          | 3            |
| PEH 104     | Foundations of Health/Physical Fitness   |          | 3            |
| PEH 105     | Wellness                                 |          | 2            |

2 Credit hours

F. ADDITIONAL GENERAL EDUCATION ELECTIVES

Choose additional courses from those listed above in sections A, B, C, or D.

5 Credit hours

OTHER REQUIREMENTS

- Complete the minimum required credit hours of electives. Students may receive a complete list of elective courses in the Academic Advising Department. Students should use a transfer guide when selecting electives as the transferability of courses is related to one’s major and the transfer institution.
- Students who place into ENG 086 or ENG 088 are required to take CSS 100. Students transferring 15 or more college-level credit hours (i.e. 100 level courses or above) to Morton College are excluded from this requirement.

# COURSE DESCRIPTIONS

|         |                  |
|---------|------------------|
| 201     | Course Numbering |
| 201     | Prerequisites    |
| 202-293 | Course Offerings |

## COURSE NUMBERING

Courses are listed in numerical order within each discipline. Courses numbered 010 to 099 represent noncredit courses or credit courses that generally do not lead to a degree. The 100 to 199 sequence normally represents first year or traditional freshman courses and the 200 to 299 sequence represents second year or traditional sophomore courses.

Course numbers do not imply that a course will be accepted for transfer to other institutions. Therefore, students are strongly advised to consult with a Student Success Coach regarding the transfer of courses and credits to other colleges and universities.

## PREREQUISITES

Prerequisites listed for specific courses should be followed closely to guarantee students qualify for subsequent courses and gain maximum benefit from instruction. Additional information regarding course prerequisites is available by visiting the Academic Advising Department or by calling (708) 656-8000, Ext. 2484.

# COURSE OFFERINGS

Morton College plans on offering the courses listed in the catalog. The College is not obligated, however, to offer those courses in any particular semester or if enrollment does not warrant it. Course content may vary depending on needs and abilities of students enrolled.

## ■ ANTHROPOLOGY

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|                |                                                                                                                                                                                                                                                                                                                                                                                                                                |                  |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>ANT 101</b> | <b>INTRODUCTION TO ANTHROPOLOGY (IAI: S1 902)</b>                                                                                                                                                                                                                                                                                                                                                                              | <b>3 CREDITS</b> |
|                | This course introduces the study of the origins of man. It explores prehistory as reflected in archaeology and human evolution as reflected in paleontology. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.                                                                                                                                 |                  |
| <b>ANT 102</b> | <b>INTRODUCTION TO CULTURAL ANTHROPOLOGY (IAI: S1 901N)</b>                                                                                                                                                                                                                                                                                                                                                                    | <b>3 CREDITS</b> |
|                | This course examines the principles and techniques used in the comparative study of culture. It focuses on social organization, technology, economics, religion, marriage and law as manifested in various societies and peoples. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.                                                            |                  |
| <b>ANT 103</b> | <b>INTRODUCTION TO ARCHAEOLOGY (IAI: S1903)</b>                                                                                                                                                                                                                                                                                                                                                                                | <b>3 CREDITS</b> |
|                | This course will introduce students to the concepts, principles, and methods used to reconstruct the history of cultures in archaeology. In addition to survey and excavation methods, students will learn basic drawing and digital illustration techniques as well as be introduced to ceramic analysis. By the end of the course students will have the necessary skills to begin participating in archaeological projects. |                  |
| <b>ANT 104</b> | <b>ARCHAEOLOGY FIELD SCHOOL</b>                                                                                                                                                                                                                                                                                                                                                                                                | <b>3 CREDITS</b> |
|                | This course introduces students to archaeological practices, with an emphasis on fieldwork and excavation. Students will participate in an archaeological dig in Chicago or its surrounding area, with accompanying lectures, readings, workshops, and field trips explaining the theoretical and historical context for the archaeological methods and the materials they find.                                               |                  |

## ■ ART

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|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>ART 101</b> | <b>TWO-DIMENSIONAL FUNDAMENTALS</b>                                                                                                                                                                                                                                                                                                                                                                                   | <b>3 CREDITS</b> |
|                | Students explore the foundations of two-dimensional art in making experimental, abstract compositions on flat surfaces with a range of materials. Through the formal elements of design — line, value, color, texture and shape — they develop their perceptive powers rather than produce finished works of art. The student translates observations into innovative conceptual patterns. Studio six hours per week. |                  |

## ART (CONTINUED)

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|
| <b>ART 102</b>                                                                                                                                                                                                                                                                                                                                   | <b>THREE-DIMENSIONAL FUNDAMENTALS</b> | <b>3 CREDITS</b> |
| Students explore the foundations of three-dimensional art by producing experimental constructions with a range of materials. They discover the problems of working in space, joining materials and using color, texture, value, line, mass, proportion and material. Studio six hours per week.                                                  |                                       |                  |
| <b>ART 103</b>                                                                                                                                                                                                                                                                                                                                   | <b>DRAWING I</b>                      | <b>3 CREDITS</b> |
| This course introduces drawing, emphasizing object representation and individual expression. Students learn about line, value and spatial illusion through course and sketchbook assignments. Media include charcoal, graphite sticks, pen and ink, marker and pencil. Studio six hours per week.                                                |                                       |                  |
| <b>ART 104</b>                                                                                                                                                                                                                                                                                                                                   | <b>DRAWING II</b>                     | <b>3 CREDITS</b> |
| This course emphasizes composition and the interaction of design, image and content in representing and interpreting the subject. Students work with color through pastels, colored drawing inks, watercolor washes and colored pencils. Studio six hours per week. May be taken four times for college credit.<br><i>Prerequisite: ART 103.</i> |                                       |                  |
| <b>ART 105</b>                                                                                                                                                                                                                                                                                                                                   | <b>PAINTING I</b>                     | <b>3 CREDITS</b> |
| Students explore a variety of subject matter to learn about basic painting techniques. They study color mechanics and become competent either in acrylic or oil paints. Experimentation is encouraged. Studio six hours per week.                                                                                                                |                                       |                  |
| <b>ART 107</b>                                                                                                                                                                                                                                                                                                                                   | <b>WATERCOLOR</b>                     | <b>3 CREDITS</b> |
| Students explore the aqueous medium of painting with representational and nonrepresentational subject matter. They study basic watercolor materials and techniques, flat and graded washes, dry brush and wet on wet and experiment with special effects and media. Studio six hours per week.<br><i>Prerequisite: ART 101 or ART 103.</i>       |                                       |                  |
| <b>ART 111</b>                                                                                                                                                                                                                                                                                                                                   | <b>SCULPTURE I</b>                    | <b>3 CREDITS</b> |
| This course introduces the basic construction techniques of sculpture, examining assemblage and additive and subtractive processes. Studio six hours per week.<br><i>Prerequisite: ART 102.</i>                                                                                                                                                  |                                       |                  |
| <b>ART 113</b>                                                                                                                                                                                                                                                                                                                                   | <b>CERAMICS I</b>                     | <b>3 CREDITS</b> |
| Students learn the basics of using clay in making both functional vessel forms and nonfunctional sculptural forms. They focus on basic hand-building methods including pinch pot, coil and slab. Studio six hours per week.                                                                                                                      |                                       |                  |
| <b>ART 115</b>                                                                                                                                                                                                                                                                                                                                   | <b>PHOTOGRAPHY I</b>                  | <b>3 CREDITS</b> |
| This course is an introduction to photography as an artistic medium. Students study camera and darkroom techniques, film developing, contact printing, enlarging, beginning Adobe Photoshop software and a variety of photographic equipment. Perceptual and aesthetic development is emphasized. Studio six hours per week.                     |                                       |                  |

## ART (CONTINUED)

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|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>ART 116</b> | <b>PHOTOGRAPHY II</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>3 CREDITS</b> |
|                | <p>This course explores advanced technical and interpretive problems of black and white photography with a view to developing control of the medium needed for maximum quality. Lighting techniques and view camera equipment are studied. Students also explore Adobe Photoshop software and use scanners to integrate and manipulate images. May be taken four times for college credit. Studio six hours per week.</p> <p><i>Prerequisite: ART 115.</i></p>                                                                                                                                                                                                                                         |                  |
| <br>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |
| <b>ART 117</b> | <b>DIGITAL PHOTOTOGRAPHY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>3 CREDITS</b> |
|                | <p>This course explores color photography as a separate medium with its distinct interpretive, aesthetic and procedural requirements. Students study Adobe Photoshop software, use scanners to integrate and manipulate images and explore four-color separations to produce full-color offset printed pieces. Emphasis is on the creative/technical use of computer software. May be taken four times for college credit.</p>                                                                                                                                                                                                                                                                         |                  |
| <br>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |
| <b>ART 120</b> | <b>ART APPRECIATION (IAI: F2 900)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>3 CREDITS</b> |
|                | <p>This course is an introduction to the visual arts. Students gain an understanding of the vocabulary and techniques of art that allows them to appreciate it in its many forms. In addition, we will examine the cultural and aesthetic choices of artists and societies from art's very beginnings until today. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.</p>                                                                                                                                                                                                                                                                              |                  |
| <br>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |
| <b>ART 125</b> | <b>ART HISTORY WORLD SURVEY I<br/>PREHISTORIC TO 15TH CENTURY (IAI: F2 901)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>3 CREDITS</b> |
|                | <p>This course surveys art and architecture from prehistory to the 15th century. Students study the artifacts and monuments of many different countries and cultures, including: Egypt, Greece, Peru, Ireland, China, Germany, Nigeria, Japan and Iraq. At the same time, students will be introduced to art historical analysis and the technologies that were necessary to produce this early art. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package</p>                                                                                                                                                                                             |                  |
| <br>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |
| <b>ART 126</b> | <b>ART HISTORY WORLD SURVEY II<br/>15TH CENTURY TO MODERN ART (IAI: F2 902)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>3 CREDITS</b> |
|                | <p>This course surveys art and architecture from the 15th century to the late 20th century. Students are introduced to the movements and styles of art around the world and the world's increasing interconnectedness during this period. We will discuss the role that cultural and historical factors had in the development of new styles as well as the role they played in the spread of styles across national and perceived cultural boundaries. We will also examine the characters and motivations of individual artists such as: Leonardo DaVinci, Aqa Riza, Cristóbal de Villalpando, Picasso, Frida Kahlo, and the Guerrilla Girls and how that affected their styles and livelihoods.</p> |                  |

## ART (CONTINUED)

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------|
| <b>ART 130</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>INTRODUCTION TO DIGITAL ART</b>                         | <b>3 CREDITS</b> |
| <p>This course covers the basic elements of visual language and design and provides fundamental instruction in digital media as a creative tool. Students will conceive and create digital works of art, develop critical thinking skills, and conduct research on topics related to technology in the arts. Six lab/studio hours per week.</p>                                                                                                                                                                                                                                                                                                         |                                                            |                  |
| <b>ART 131</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>GRAPHIC DESIGN I</b>                                    | <b>3 CREDITS</b> |
| <p>Introduces the basic principles and elements of graphic design, the history of graphic design, form/symbol development, typography, and color theory. Provides practical experience with conceptualization, visualization, and production of graphic art using the computer.</p> <p><i>Prerequisite: ART 130 or Consent of Instructor. (Students will be allowed to bypass the prerequisite of ART 130 by demonstrating basic Mac Computer, Adobe Photoshop, Illustrator and InDesign knowledge.)</i></p>                                                                                                                                            |                                                            |                  |
| <b>ART 203</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>FIGURE DRAWING I</b>                                    | <b>3 CREDITS</b> |
| <p>Students study the human figure through drawing problems in line, gesture and value. They relate basic anatomical drawings of the skeletal and muscle structure to a live model. They use a variety of drawing media and techniques to interpret the live model in action and still poses. Studio six hours per week.</p> <p><i>Prerequisite: ART 103.</i></p>                                                                                                                                                                                                                                                                                       |                                                            |                  |
| <b>ART 204</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>FIGURE DRAWING II</b>                                   | <b>3 CREDITS</b> |
| <p>Students further study the human figure using a variety of dry and aqueous media. Art history is used to develop ideas for exploring realistic and expressive interpretations of the figure. Ink washes, pastels and acrylic paint are some of the media used. The course stresses individual problems, composition and abstraction. Studio six hours per week.</p> <p><i>Prerequisite: ART 203.</i></p>                                                                                                                                                                                                                                             |                                                            |                  |
| <b>ART 205</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>PAINTING II</b>                                         | <b>3 CREDITS</b> |
| <p>Students study advanced painting problems and develop personal interests, whether abstract or realistic. They focus on special problems in visual communication and making aesthetic statements. They can also experiment with materials and subject matter and develop themes. May be taken four times for college credit. Studio six hours per week.</p> <p><i>Prerequisite: ART 105.</i></p>                                                                                                                                                                                                                                                      |                                                            |                  |
| <b>ART 210</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>DIVERSE PERSPECTIVES IN AMERICAN ART (IAI: F2 906D)</b> | <b>3 CREDITS</b> |
| <p>This course introduces students to the diversity of perspectives that Americans have brought to the visual arts from the colonial period to the present. We will pay particular attention to the role that race, ethnicity, class, and gender play in the creation and viewing of art and the ability to participate in the art world at large. We will also examine the ways that the diverse perspectives of artists in the United States have shaped the discourse of American Art and its reception abroad. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package and provides diversity credit.</p> |                                                            |                  |

## **ART (CONTINUED)**

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------|
| <b>ART 211</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>SCULPTURE II</b>                                    | <b>3 CREDITS</b> |
| <p>Students explore advanced problems in sculpture while developing personal three-dimensional statements, covering basic sculpture techniques, casting and welding. They concentrate on refining their technical skills. May be taken four times for college credit. Studio six hours per week.</p> <p><i>Prerequisite: ART 111.</i></p>                                                                                                      |                                                        |                  |
| <b>ART 213</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>CERAMICS II</b>                                     | <b>3 CREDITS</b> |
| <p>Students experiment with clay forms, including hand-building and wheel-thrown methods. The course emphasizes achieving a high level of design and surface embellishment with special glaze techniques. May be taken four times for college credit. Studio six hours per week.</p> <p><i>Prerequisite: ART 113.</i></p>                                                                                                                      |                                                        |                  |
| <b>ART 217</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>INDIGENOUS ART (IAI: F2 903N)</b>                   | <b>3 CREDITS</b> |
| <p>This course introduces students to the diversity of Indigenous contemporary and near past practices and how these critically address history and current events. We will discuss a variety of art forms used by indigenous individuals and communities to express themselves and their connections to the past, each other, and the land. Additionally, we will touch upon the importance of group identity.</p>                            |                                                        |                  |
| <b>ART 220</b>                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>LATIN AMERICAN TRADITIONS IN ART (IAI: F2 903N)</b> | <b>3 CREDITS</b> |
| <p>This course will survey various Latin American cultures from South to North America and explore their contributions to the visual and performing arts. Sculpture, painting, photography, architecture, dance, festivals, and folk art are all explored in this course with particular interest in how art in particular from Europe and present and ancient Indigenous communities has come to define Latin American cultural identity.</p> |                                                        |                  |

## **■ AUTOMOTIVE TECHNOLOGY**

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------|
| <b>ATM 101</b>                                                                                                                                                                                                                                                                                                                                                                                                               | <b>AUTOMOTIVE ENGINE REPAIR</b>           | <b>5 CREDITS</b> |
| <p>This course thoroughly examines the internal combustion engine. Lab work parallels lectures which cover disassembly, parts identification, inspecting, measuring, assembling procedures, manual usage and shop safety. Students should take this course during the first semester of the Automotive Technology curriculum as a foundation for future course work. Lecture three hours, laboratory six hours per week.</p> |                                           |                  |
| <b>ATM 102</b>                                                                                                                                                                                                                                                                                                                                                                                                               | <b>FUEL SYSTEMS AND EMISSION CONTROLS</b> | <b>3 CREDITS</b> |
| <p>Students study the principles and operation of the fuel systems and emission controls of an internal combustion engine. They learn to operate different kinds of testing equipment and analyze various fuel systems. Lecture two hours, laboratory three hours per week.</p>                                                                                                                                              |                                           |                  |

## **AUTOMOTIVE TECHNOLOGY (CONTINUED)**

### **ATM 104      AUTOMOTIVE BRAKES      3 CREDITS**

The course covers the fundamentals of brake systems, emphasizing diagnostic procedures in servicing and maintaining components. Lecture two hours, laboratory three hours per week.

### **ATM 105      AUTOMATIC TRANSMISSIONS      4 CREDITS**

Through lectures and lab work, the student learns the construction of automatic transmissions and the fundamentals of hydraulics, torque converters, planetary gear variations and oil circuitry. The focus is on developing skill in diagnosing transmission problems in popular models. Lecture two hours, laboratory six hours per week.

### **ATM 115      INTRO TO ELECTRIC & HYBRID ELECTRIC VEHICLES      2 CREDITS**

This course focuses on the operation of Electric and Hybrid electric vehicles that are currently used in transportation vehicles. AC and DC electric motors, batteries, electrical safety and hybrid systems are emphasized. The theories of electric and hybrid electric operation and vehicle service procedures are covered. Lecture two hours.

### **ATM 120      INTRO TO AUTOMOTIVE TECH      3 CREDITS**

This course is an introduction to the elements of servicing domestic and imported vehicles. Preventative maintenance, use and care of tools and equipment, basic shop procedures, safety practices and customer relations will be covered. Designed for the person wanting to maintain their vehicle or purchase a used vehicle. Lecture two hours, laboratory three hours per week.

***Prerequisite: English and Math placement testing required.***

### **ATM 122      AUTOMOTIVE AIR CONDITIONING      3 CREDITS**

This course covers operation, diagnostic techniques and service procedures of automotive air conditioning. Students service a variety of vehicle makes and models in the lab. Lecture two hours, laboratory three hours per week.

### **ATM 130      COMPRESSED NATURAL GAS CONVERSION      4 CREDITS**

This course will introduce the student to compressed natural gas powered vehicles. Through lecture and lab activities the student will learn the regulations, procedures, and maintenance items required for a compressed natural gas vehicle conversion. Lecture two hours, laboratory six hours per week. Previous knowledge or work experience related to fuel systems recommended.

### **ATM 131      COMPRESSED NATURAL GAS — ADVANCED DIAGNOSIS      3 CREDITS**

This course will cover the knowledge and skills needed to properly diagnose and repair compressed natural gas powered vehicles. Engine analysis, scanners and personal computers will be used. Lecture two hours, laboratory three hours per week.

***Prerequisite: ATM 130 required.***

## **AUTOMOTIVE TECHNOLOGY (CONTINUED)**

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| <b>ATM 140</b> | <b>INTRODUCTION TO ALTERNATIVE FUELS</b> | <b>2 CREDITS</b> |
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This course focuses on the alternative fuels currently recognized and available for vehicle use. Each fuel is studied for its exhaust emissions, cost, availability and practical use in transportation vehicles. The theory of operation, safety issues and maintenance of alternative fueled and hybrid vehicles is covered. Lecture two hours.

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| <b>ATM 201</b> | <b>MANUAL TRANSMISSIONS AND TRANSAXLES</b> | <b>3 CREDITS</b> |
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This course covers the design and principles of operation of manual transmissions, transaxles and drive trains. Servicing procedures for clutch assembly, transmissions, transaxles, drive trains and differential assembly will be covered. Lecture two hours, laboratory three hours per week.

***Prerequisite:** Completion of ATM 120.*

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| <b>ATM 202</b> | <b>AUTOMOTIVE ELECTRICAL SYSTEMS</b> | <b>4 CREDITS</b> |
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Through lecture and lab, students learn the theory of operation, diagnosis and testing procedures on conventional automotive electrical systems. Lecture two hours, lab six hours per week.

***Prerequisite:** Completion of ATM 120.*

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| <b>ATM 203</b> | <b>ENGINE PERFORMANCE</b> | <b>5 CREDITS</b> |
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This course provides experience in diagnosing and repairing fuel, ignition and electrical systems; and engine malfunctions. Students use modern test equipment to diagnose malfunctions and learn efficient repair procedures. Lecture three hours, laboratory six hours per week.

***Prerequisite:** Completion of ATM 102, ATM 120 and ATM 202.*

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| <b>ATM 204</b> | <b>ADVANCED ELECTRICAL SYSTEMS &amp; ACCESSORIES</b> | <b>3 CREDITS</b> |
|----------------|------------------------------------------------------|------------------|

This course focuses on the electrical system accessories and communication networks currently being used on automobiles. Students will use a variety of diagnostic equipment to diagnose and repair electrical system problems such as open and short circuits, blown fuses and frayed wiring. These systems include: passive restrain, keyless entry, power doors, power seats, remote start and anti theft. Lecture two hours, laboratory three hours per week.

***Prerequisite:** Completion of ATM 120 and ATM 202.*

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| <b>ATM 205</b> | <b>MOBILE ELECTRONICS INSTALLATION I</b> | <b>3 CREDITS</b> |
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This course provides the skills needed for Automotive Mobile Electronics installers. Students will learn the techniques required to assemble electrical circuits, measure the electrical systems performance and install an aftermarket mobile audio system. Lecture two hours, laboratory three hours per week.

***Prerequisite:** Completion of ATM 202.*

## **AUTOMOTIVE TECHNOLOGY (CONTINUED)**

### **ATM 206      STEERING AND SUSPENSION      3 CREDITS**

This course covers the fundamentals of steering geometry, front-end alignment and suspension systems emphasizing diagnostic procedures, servicing and maintaining components. Lecture two hours, laboratory three hours per week.

***Prerequisite:* Completion of ATM 120.**

### **ATM 207      MOBILE ELECTRONICS II      3 CREDITS**

This course builds on the knowledge and skills learned in ATM 205. Students will install, test and troubleshoot advanced audio systems, security systems, rear video displays and remote start systems. Lecture two hours, laboratory three hours per week.

***Prerequisite:* Completion of ATM 205.**

### **ATM 208      AUTOMOTIVE COMPUTER SYSTEMS      3 CREDITS**

This course covers the computer systems used in today's vehicles that control many sub-systems and their components. These include engine control, brake, suspension, emission control, air bag, transmission and air-conditioning systems. Lecture two hours, laboratory three hours per week.

***Prerequisite:* Completion of ATM 120.**

### **ATM 220      AUTOMOTIVE SERVICE I      3 CREDITS**

Students diagnose and repair automobiles using knowledge acquired from other automotive courses. The focus is on job responsibilities and good work habits. Laboratory nine hours per week.

***Prerequisite:* Completion of ATM 101, ATM 104 and ATM 120. Student must also be concurrently enrolled in at least one of the following: ATM 201, ATM 202 or ATM 208.**

### **ATM 221      AUTOMOTIVE SERVICE II      3 CREDITS**

Students diagnose and repair automobiles using knowledge acquired from other automotive courses. The focus is on job responsibilities and good work habits. Laboratory nine hours per week.

***Prerequisite:* Completion of ATM 102, ATM 105, ATM 122 and ATM 220.**

***Student must also be concurrently enrolled in at least one of the following: ATM 203 or ATM 206.***

### **ATM 222      A.S.E. CERTIFICATION TEST REVIEW      1.5 CREDITS**

This course reviews the information required for the Automotive Service Excellence (A.S.E.) Certification exams. It highlights test-taking techniques and practice exams. Lecture 1.5 hours per week.

## **AUTOMOTIVE TECHNOLOGY (CONTINUED)**

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| <b>ATM 230</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>ELECTRIC VEHICLE CONVERSION</b>                | <b>3 CREDITS</b>      |
| <p>This course will focus on a typical vehicle conversion from an internal combustion engine to battery electric power. The knowledge and skills required to perform a conversion will be covered. Electrical safety, vehicle selection, motor and component sizing and installation will be performed on a vehicle. Students will work in a group to develop a budget, manage the project and determine specific goals for the use of the vehicle. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: Completion of ATM 202.</i></p>                                                                 |                                                   |                       |
| <b>ATM 253</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>SUCCESSFUL CAREER &amp; LIFE STRATEGIES</b>    | <b>2 CREDITS</b>      |
| <p>Course is designed to provide students with workplace skills necessary to identify their personal and professional needs. The course focuses on successful strategies for finding and keeping a job and knowing when to make career changes. Emphasis will be placed on money management, investments, debt management and personal assets. The U.S. Labor Secretary's Commission of Achieving Necessary Skills (SCANS) provides an outline for this course.</p> <p><i>Prerequisite: Placement into ENG 101 and completion of 30 credit hours of college course work.</i></p>                                               |                                                   |                       |
| <b>ATM 299</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>SPECIAL TOPICS IN AUTOMOTIVE</b>               | <b>1 TO 5 CREDITS</b> |
| <p>Course covers different current topics in Automotive. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.</p>                                                                                                                                                                                                                                                                                                                                  |                                                   |                       |
| <b>ATM 804</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>DIESEL ENGINE</b>                              | <b>1 CREDIT</b>       |
| <p>This course is designed to give the technician a fundamental understanding of diesel engine systems. Diesel technology expanded to include medium and light-duty vehicles, requiring technicians to become proficient in the repair and maintenance of these vehicles. This course is designed to meet the growing diesel engine repair and maintenance demand that is being placed on technicians. It will include basic principles, system identification, troubleshooting, diagnostics and repair of components. This will be accomplished through lecture, demonstration and discussion. Lecture one hour per week.</p> |                                                   |                       |
| <b>ATM 805</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>COMPRESSED NATURAL GAS CYLINDER INSPECTION</b> | <b>1 CREDIT</b>       |
| <p>This course will cover the knowledge and skills required to safely identify, handle and inspect Compressed Natural Gas cylinders. Through lecture, demonstration and lab practice, students will learn proper installation and removal of cylinders, venting procedures and the procedure required for proper inspection. After successful completion, students will be certified inspectors through CSA International. Lecture one hour per week.</p>                                                                                                                                                                      |                                                   |                       |

## **AUTOMOTIVE TECHNOLOGY (CONTINUED)**

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| <b>ATM 806</b> | <b>COMPRESSED NATURAL GAS VEHICLE SYSTEMS</b> | <b>2 CREDITS</b> |
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This course will cover the knowledge and skills required to make proper diagnosis and repairs to Natural Gas powered vehicles. Through lecture and demonstration, students learn the system operation, components function and the testing procedures for specific vehicle systems. Lecture two hours per week.

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| <b>ATM 807</b> | <b>LIQUEFIED PETROLEUM GAS VEHICLE SYSTEMS</b> | <b>2 CREDITS</b> |
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This course will cover the knowledge and skills required to make proper diagnosis and repairs to Liquefied Petroleum powered vehicles. Through lecture and demonstration, students learn the system operation, components function and testing procedures for specific vehicle systems. Lecture two hours per week.

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| <b>ATM 808</b> | <b>E-85 VEHICLE SYSTEMS</b> | <b>1 CREDIT</b> |
|----------------|-----------------------------|-----------------|

This course will cover the knowledge and skills required to make proper diagnosis and repairs to vehicles powered by E-85 systems. Through lecture, demonstration and lab practice, students learn the system operation, components function and testing procedures for specific vehicle systems. Course topics will cover technical, emissions and safety aspects of E-85 systems. Lecture one hour per week.

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| <b>ATM 809</b> | <b>ENHANCED EMISSIONS</b> | <b>2 CREDITS</b> |
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Through lecture and lab activities, students learn advanced procedures to improve their success in repairing IM240 and OBD failures. Emphasis is placed on diagnosis and repair of OBD I, OBD II, Fuel Control, Drivability and Exhaust Emissions. This course is recognized by the Illinois EPA. Lecture one hour, lab two hours per week.

## **■ BIOLOGY**

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| <b>BIO 100</b> | <b>INTRODUCING BIOLOGY (IAI: L1 900)</b> | <b>3 CREDITS</b> |
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Introducing Biology is a science course offered for non-science majors. This course introduces students to the organization of organisms from the molecular level to cells, tissues, and organ systems. The role of genetics in cellular life and evolution is explored, as well as the structure and function of plants, communities, biomes and ecology. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Life Science package.

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| <b>BIO 102</b> | <b>INTRODUCTION TO BIOLOGY (IAI: L1 900L)</b> | <b>4 CREDITS</b> |
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This one-semester introductory course for non-science majors fulfills a science requirement in general education. It presents a well-balanced coverage of cell biology, reproduction, genetics, growth and development, evolution and ecology. Lecture three hours, laboratory three hours per week. This course applies to the IAI General Education Core Curriculum Life Science package.

## **BIOLOGY (CONTINUED)**

### **BIO 108**

#### **INTRODUCTION TO EVOLUTION (IAI: L1 907)**

**3 CREDITS**

This course presents the theory of evolution as the main unifying theme of biology. Knowledge and understanding of evolution is critical for the study of the natural world. This course will take an analytical approach to explore the process of evolution in all life forms as well as viruses. In addition to evolution, this course will present concepts in the areas of cellular and molecular biology, genetics and heredity, the origin of life, and biogeography. The role of genetics as the major player of evolution will be explored in the processes of speciation, adaptation, changes in populations, diversity as well as macroevolution. The connections between evolution and societal aspects such as ecology, genetics, development, medicine, and the impact of human activity will be explored. Students will develop skills to create, conduct, and analyze scientific experimentation. This course applies to the IAI general education core curriculum life science package. (In order to fulfill the general education science with lab requirement, both Bio 108 and 109 must be taken together.) Gen Ed IAI Number(s): L1907

### **BIO 109**

#### **INTRODUCTION TO EVOLUTION LAB (IAI: L1 907L)**

**1 CREDIT**

The course will present laboratory exercises that explore the scientific evidence that supports the theory of evolution. Knowledge and understanding of evolution is critical for the study of the natural world. Students will develop skills to create, conduct, and analyze scientific experimentation. Activities will present concepts in the areas of cellular and molecular biology, genetics and heredity, the origin of life, and biogeography. The role of genetics as the major player of evolution will be explored in the processes of speciation, adaptation, changes in populations, diversity as well as macroevolution. The connections between evolution and societal aspects such as ecology, genetics, development, medicine, and the impact of human activity will be explored. This course applies to the IAI general education core curriculum life science package. (Corequisite: Bio 108; In order to fulfill the general education science with lab requirement, both Bio 108 and 109 must be taken together.) Gen Ed IAI Number(s): L1907L

### **BIO 110**

#### **BIOLOGY: A CELLULAR APPROACH (IAI: BIO 910, L1910L)**

**5 CREDITS**

This introductory course is for both majors and nonmajors in the life sciences. The course covers the major developments and generalizations of biology, with emphasis on the origin of life, cellular organization and function, cellular energy transformation, Mendelian and molecular genetics, general and human reproduction and embryology and evolution. Lecture four hours, laboratory three hours per week. (1) This course applies to the IAI General Education Core Curriculum Life Science package. (2) This course applies to one or more IAI majors. See an Student success coach for details.

### **BIO 111**

#### **BIOLOGY: A SYSTEMS APPROACH (IAI: BIO 910, L1910L)**

**5 CREDITS**

The study of the basic biological generalizations covering plant and animal structure, function, diversity, behavior, ecology and evolution, and emphasizes organisms and populations. Lecture four hours, laboratory three hours per week. This course applies to one or more IAI majors. See an Student success coach for details.

## BIOLOGY (CONTINUED)

**BIO 150**

### **HEREDITY AND SOCIETY (IAI: L1 906)**

**3 CREDITS**

Heredity and Society is a one-semester introductory course for non-science majors. The course introduces basic biological concepts by including evolution, cell and molecular biology, genetics and heredity. The course also includes contemporary issues in biotechnology, to develop a better understanding of new foods, medicines, and technologies that have evolved due to modern genetics. This course applies to the IAI General Education Core Curriculum Life Science package.

**BIO 152**

### **ANATOMY & PHYSIOLOGY (THERAPIES)**

**5 CREDITS**

This course is tailored for the prospective physical therapy assistant or massage therapy candidate. Concerning content, you should expect a functional approach to the study of both gross and microscopic structures of the human body. An emphasis will be placed on the interrelatedness of structure and function as it pertains to the human organism. To aid the student in his or her learning, human cadavers, models, and other materials are used to supplement the required textbook, lab book, and atlas. Lecture four hours per week, lab three hours per week.

**BIO 202**

### **ENVIRONMENTAL BIOLOGY (IAI: L1 905)**

**3 CREDITS**

An integrated survey of the effect humans have on the environment from air pollution to zoonoses and how the human race will adapt to survive in changed circumstances. Basic ecological principles are covered. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Life Science package.

**BIO 203**

### **ANATOMY AND PHYSIOLOGY I**

**4 CREDITS**

This course will study the structure and function of the human body. Human cadavers and other mammalian materials are used. Major topics covered are: anatomical terminology; some concepts in chemistry; cell structure, function, and division; genetics; tissues; the integumentary, skeletal/joints, muscular, and nervous systems. Lecture three hours, laboratory three hours per week.

***Prerequisite: High school biology and high school anatomy and physiology with a B or better in both and enrollment in BIO 203 within two years of graduation from high school or BIO 102 or BIO 110 or CHM 100 or CHM 105. Other: All college-level prerequisite courses must be taken within 5 years of enrolling in BIO 203***

## **BIOLOGY (CONTINUED)**

**BIO 204**

### **ANATOMY AND PHYSIOLOGY II**

**4 CREDITS**

This course is the second in a two-semester Anatomy and Physiology sequence. Students study the structure and function of the human body on macroscopic and microscopic levels. Human cadavers and anatomical models are used to gain an organizational and structural perspective. Major topics include: special senses and embryology and the following organ systems: endocrine, cardiovascular, lymphatics/immunity, respiratory, digestive, urinary, and reproductive. Lecture three hours, laboratory three hours per week.

***Prerequisite:*** BIO 203. ***Other:*** BIO 203 prerequisite must be taken within 5 years of enrollment in BIO 204. ***C or better. Students are strongly encouraged, however, to take one of these courses prior to taking BIO 203.***

**BIO 212**

### **MICROBIOLOGY**

**4 CREDITS**

A study of the structure, metabolism, genetics, reproduction, evolution, and ecology of viruses, bacteria, protozoa, algae, fungi, and selected multicellular growth and control, and topics in epidemiology and applied microbiology

***Prerequisite*** BIO 203 C

***or Prerequisite*** BIO 110 C

***or Prerequisite*** BIO 111 C

***or Other Prerequisite must be taken within 5 years of enrolling in BIO 212.***

## **■ BUSINESS**

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**BUS 101**

### **FINANCIAL ACCOUNTING (IAI: BUS 903)**

**3 CREDITS**

Basic principles relating to financial accounting, with emphasis on the preparation and interpretation of external financial statements. Topics include: the accounting cycle for service and merchandising concerns, accounting for current and long-term assets, and current and long-term liabilities; owner's equity for partnerships and corporations, use of the cash flow statement and the analysis and interpretation of financial statements. Lecture three hours per week. This course applies to one or more IAI majors. See an Student success coach for details.

**BUS 102**

### **MANAGERIAL ACCOUNTING**

**3 CREDITS**

Managerial accounting concepts, with emphasis on the use of accounting information for managerial planning, control, and decision-making. Corporate financial reporting, international accounting, job order and process cost accounting, cost-volume-profit analysis, budgeting, flexible budgets, standard costs, capital budgeting and managerial decisions are studied. Lecture three hours per week.

***Prerequisite:*** BUS 101.

## **BUSINESS (CONTINUED)**

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| <b>BUS 106</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PRINCIPLES OF FINANCE</b>   | <b>3 CREDITS</b> |
| <p>Students study the major areas of finance, including corporate finance, monetary and fiscal policy, money and capital markets. They learn about the financial mechanism in the economy and the roles played by private corporations, the federal reserve system and the public. Also discussed are the principles of finance and the role of finance as a social science. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 101.</i></p>                                                        |                                |                  |
| <b>BUS 107</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PRINCIPLES OF MARKETING</b> | <b>3 CREDITS</b> |
| <p>Offers a systematic approach to pricing, promoting and distributing goods and services to current and potential customers. The student learns to identify and describe basic marketing methods, institutions and practices. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 111.</i></p>                                                                                                                                                                                                      |                                |                  |
| <b>BUS 110</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PERSONAL FINANCE</b>        | <b>3 CREDITS</b> |
| <p>Planning, controlling, directing financial goals, preparing financial statements, comparing insurance, budgeting, investing, tax planning, retirement planning, estate transfer and purchasing or renting housing. Lecture three hours per week.</p>                                                                                                                                                                                                                                                    |                                |                  |
| <b>BUS 111</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PRINCIPALS OF BUSINESS</b>  | <b>3 CREDITS</b> |
| <p>Students learn the phases of American business: common and special forms of business ownership, marketing (wholesaling, retailing, advertising, sales promotion, market research, international trade), manufacturing (physical facilities, procurement of materials, inventory and production control), business financing; personnel relationships, transportation, statistics, taxation, government and business. Recommended ENG 084 or permission of instructor. Lecture three hours per week.</p> |                                |                  |
| <b>BUS 117</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SALES MANAGEMENT</b>        | <b>3 CREDITS</b> |
| <p>Theory and practice of salesmanship, including the sale of retail consumables, retail services, industrial capital equipment, industrial services, sales techniques for prospecting and servicing accounts and sales management. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 111.</i></p>                                                                                                                                                                                                 |                                |                  |
| <b>BUS 127</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>BUSINESS MATHEMATICS</b>    | <b>3 CREDITS</b> |
| <p>Students learn about arithmetical relationships and processes, develop fundamental mathematical skills and the ability to apply these skills to mathematical businesses problems. The course deals with business administration subjects, using practical problems from accounting, banking, finance, insurance, investments, marketing, retailing and other business areas. Completion of MAT 090 or placement in higher level is recommended. Lecture three hours per week.</p>                       |                                |                  |

## **BUSINESS (CONTINUED)**

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| <b>BUS 130</b>                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>ACCOUNTING WITH QUICKBOOKS I</b>          | <b>2 CREDITS</b> |
| <p>The purpose of this course is to familiarize students with QuickBooks software for daily accounting functions and expand student understanding of computerized accounting applications. Course topics include setting up company files, entering payables, writing checks, entering sales, preparing internal reports, and creating financial statements. Lecture one hour per week.</p> <p><i>Prerequisite: BUS 101.</i></p> |                                              |                  |
| <b>BUS 201</b>                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>COST ACCOUNTING</b>                       | <b>3 CREDITS</b> |
| <p>An in-depth study of the basic principles and procedures of cost accounting and the uses of accumulated data for cost control. Students study job order, process and standard costing, used in manufacturing control, management planning and decision making. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 101.</i></p>                                                                                         |                                              |                  |
| <b>BUS 202</b>                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>INTERMEDIATE ACCOUNTING I</b>             | <b>3 CREDITS</b> |
| <p>Emphasizes the accounting process, financial statements, receivables, inventories, liabilities, investments and capital and intangible assets. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 101.</i></p>                                                                                                                                                                                                         |                                              |                  |
| <b>BUS 203</b>                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>INTERMEDIATE ACCOUNTING II</b>            | <b>3 CREDITS</b> |
| <p>Accents long-term investments, stock and bond transactions, income tax, leases and pension costs, retained earnings, accounting changes and correction of errors and the analysis of various financial statements. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 202.</i></p>                                                                                                                                     |                                              |                  |
| <b>BUS 205</b>                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRINCIPLES OF AUDITING</b>                | <b>3 CREDITS</b> |
| <p>This course covers accepted principles, practices, and procedures used by accountants for certifying financial statements. It also introduces audit reports, the corporate internal auditor's function, and interaction between outside auditors and a client company's accounting staff. In addition, the course fosters students' analytical skills. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 202.</i></p> |                                              |                  |
| <b>BUS 207</b>                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>ESSENTIALS - CONTEMPORARY ADVERTISING</b> | <b>3 CREDITS</b> |
| <p>An overview of advertising, emphasizing the foundations of a successful advertising campaign. Discussed are all kinds of sales promotion and media, including radio, TV, newspapers, magazines, direct mail and outdoor. Lecture three hours per week.</p>                                                                                                                                                                    |                                              |                  |

## **BUSINESS (CONTINUED)**

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| <b>BUS 208</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>PRINCIPLES OF MANAGEMENT</b>                       | <b>3 CREDITS</b> |
| <p>Covers the essentials of successful management and encompasses problems in planning, decision-making, control, structure, delegation, leadership, labor relations, motivation and interpersonal relations. Students learn concepts by applying them to practical case studies. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 111.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                       |                  |
| <b>BUS 215</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>HUMAN RESOURCES MANAGEMENT</b>                     | <b>3 CREDITS</b> |
| <p>Student will learn about various topics of Human Resources Management through the study of the environment of HR Management, jobs and labor, training and development, compensations, and employee relations. Lecture three hours per week.</p> <p><i>Prerequisite: BUS 111.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                       |                  |
| <b>BUS 216</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>SPREADSHEET SOFTWARE FUNDAMENTALS FOR BUSINESS</b> | <b>1 CREDIT</b>  |
| <p>This course introduces spreadsheet software to participants who wish to work with spreadsheets in business and for personal use. Topics covered include creating and formatting spreadsheets, setting up formulas and functions, and conducting data analysis.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                       |                  |
| <b>BUS 218</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>SMALL BUSINESS MANAGEMENT</b>                      | <b>3 CREDITS</b> |
| <p>This course is intended for students who wish to learn about managing a small business. It is designed to meet the needs of future, current, and experienced business owners. A hands-on approach is used to develop a knowledge base and skills for aspiring and practicing business owners. This is accomplished by using a "how to" perspective with hands-on exercises that allows the student to practice the skills needed to own and run a small business. The exercises will include practices like conceiving, preparing, starting, organizing, and operating a small business. Current small business research, theory, and practice will be addressed by course content. The course will help the student make decisions associated with starting and operating a small business, as well as to optimize and grow the small business. Lecture three hours per week.</p> |                                                       |                  |
| <b>BUS 223</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>SPREADSHEET SOFTWARE ADVANCED FOR BUSINESS</b>     | <b>2 CREDITS</b> |
| <p>A continuation of BUS 216 for students who wish to learn advanced capabilities of spreadsheet software. Topics covered included multipage workbooks, data importing, PivotTables, and Trendlines.</p> <p><i>Prerequisite: BUS/OMT 216</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                  |
| <b>BUS 230</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>BUSINESS LAW AND CONTRACTS</b>                     | <b>3 CREDITS</b> |
| <p>The course is a topical overview of the basic principles of law. Students will be introduced to the origins of American law and the forces that are altering our legal system. Emphasis will be placed on those areas that affect businesses of all sizes and forms including crimes, torts, contracts, discharge of contracts, breaches and remedies for breaches. Time permitting, an overview of employment will be covered.</p> <p><i>Prerequisite: BUS 111.</i></p>                                                                                                                                                                                                                                                                                                                                                                                                           |                                                       |                  |

## **BUSINESS (CONTINUED)**

### **BUS 231      BUSINESS LAW AND COMMERCIAL TRANSACTIONS      3 CREDITS**

Discusses commercial paper, sales, government regulation of business, secured transactions and real property. Lecture three hours per week.

***Prerequisite:* BUS 111.**

### **BUS 245      BUSINESS TECHNOLOGIES INTERNSHIP      3 CREDITS**

Participants will apply concepts and skills learned during their program of study to gain valuable on-the-job experience and develop networking skills and obtain professional connections while contributing to the operations of local small businesses located in surrounding communities.

### **BUS 241      BUSINESS STATISTICS      4 CREDITS**

This course covers the basic concepts and methods of statistical analysis as they apply to the business and economics decision making processes. The course is divided in five parts. The first part is an introduction to the subject. This part includes basic concepts and definitions like variables and scales of measurement. The second part covers topics like collection, interpretation, and graphical presentation of data, measurements of central tendency including the geometric and the trimmed mean and measurements of dispersion including the mean-variance analysis and the Sharpe ratio among others. The third part of the course is about Probability and Probability Distributions. This part includes the Poisson and the Hypergeometric Distributions among others. The fourth part deals with basic inference and it includes topics about sampling and sampling distributions, estimation, and hypothesis testing. The fifth part deals with simple linear regression analysis. Throughout the course emphasis is put on the ethical issues concerning the analysis and report of information. Lecture fours per week.

***Prerequisite:* MAT 102 or MAT 105.**

### **BUS 242      BUSINESS COMMUNICATIONS      3 CREDITS**

This course offers the business professional specific guidance toward polishing memo, letter, report and proposal writing skills. It emphasizes interpersonal relations, collecting information, solving problems and making independent decisions. Lecture three hours per week.

### **BUS 245      BUSINESS TECHNOLOGIES INTERNSHIP      3 CREDITS**

Participants will apply concepts and skills learned during their program of study to gain valuable on-the-job experience and develop networking skills and obtain professional connections while contributing to the operations of local small businesses located in surrounding communities.

***Prerequisites:* 12 semester credit hours completed or concurrent enrollment in major and approval from Program Chair.**

## **BUSINESS (CONTINUED)**

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|----------------|------------------------------------------------|------------------|
| <b>BUS 253</b> | <b>SUCCESSFUL CAREER &amp; LIFE STRATEGIES</b> | <b>2 CREDITS</b> |
|----------------|------------------------------------------------|------------------|

Course is designed to provide students with workplace skills necessary to identify their personal and professional needs. The course focuses on successful strategies for finding and keeping a job and knowing when to make career changes. Emphasis will be placed on money management, investments, debt management and personal assets. The U.S. Labor Secretary's Commission of Achieving Necessary Skills (SCANS) provides an outline for this course.

*Prerequisite: Placement into ENG 101 and completion of 30 credit hours of college course work.*

|                |                                   |                       |
|----------------|-----------------------------------|-----------------------|
| <b>BUS 299</b> | <b>SPECIAL TOPICS IN BUSINESS</b> | <b>1 TO 5 CREDITS</b> |
|----------------|-----------------------------------|-----------------------|

Course covers different current topics in Business. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.

## **■ COMPUTER AIDED DESIGN**

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| <b>CAD 100</b> | <b>AUTOCAD FUNDAMENTALS</b> | <b>3 CREDITS</b> |
|----------------|-----------------------------|------------------|

Basic commands of AutoCAD software are taught in an easy-to-learn systematic approach. Students learn how to operate an industrial-grade CAD work station and gain familiarity with AutoCAD software. Lecture two hours, laboratory three hours per week.

*Prerequisite: None, Concurrent registration with CAD-101 and CAD-102 is highly recommended.*

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| <b>CAD 101</b> | <b>FUNDAMENTALS OF DRAFTING</b> | <b>3 CREDITS</b> |
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Covers the use of AutoCAD software for learning basic drafting principles. Provides the student foundation for world-wide industrial graphical communication. Topics include orthographic projection, sketching, geometric construction, auxiliary views, sectioning, screw threads, isometric projection, introduction to 3D modeling and preparation of industrial working drawings. Lecture two hours, laboratory three hours per week.

*Prerequisite: None, Concurrent registration with CAD-100 and CAD-102 is highly recommended.*

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|----------------|-----------------------------|------------------|
| <b>CAD 102</b> | <b>DESCRIPTIVE GEOMETRY</b> | <b>3 CREDITS</b> |
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Covers the use of AutoCAD software for learning the techniques used by engineers in graphical problem solving. Topics include points in space, lines in space, true lengths of lines, true size of angles, true size of planes, bearing, slope, strike, dip, areas and volumes. Lecture two hours, laboratory three hours per week.

NOTE: CAD 102 is equivalent to EGR 110.

*Prerequisite: None, Concurrent registration with CAD-100 and CAD-101 is highly recommended.*

## COMPUTER AIDED DESIGN (CONTINUED)

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| <b>CAD 103</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SHEET METAL AND WELDMENTS</b> | <b>3 CREDITS</b> |
| <p>Covers the use of AutoCAD software for sheet metal layout. Topics include true lengths of lines, true size of planes, HVAC duct design, template development of intersecting pipes, packaging design, sheet metal chassis design and transitional connecting parts. Cardboard models are constructed of actual industrial sheet metal parts. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: CAD 100 and CAD 101, or permission of instructor.</i></p>                                                                                                      |                                  |                  |
| <b>CAD 104</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>ASSEMBLY DRAWINGS</b>         | <b>3 CREDITS</b> |
| <p>Covers the use of AutoCAD software for preparation and analysis of assembly drawings. Topics include layout drawings, assembly drawings, weldments, dimensioning for interchangeable assembly, datum dimensioning, geometric and positional tolerancing, selecting and computing tolerances, classes of fits, methods of inspection and use of ANSI Standards. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: None, Concurrent registration with CAD-100 and CAD-101 is highly recommended. NOTE: CAD 104 is equivalent to EGR 111</i></p>                 |                                  |                  |
| <b>CAD 107</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>20/20 KITCHEN DESIGN</b>      | <b>3 CREDITS</b> |
| <p>This course introduces the use of 20/20 CAD software for kitchen design, layouts, elevations, perspectives, billing of materials and pricing. Students will acquire familiarity with cabinet styles, quality construction and modification options. This course covers wood species, door styles, and finish options. Other topics include Appliance selection, counter top specifications, material options, applications, edge finishes and textures. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: None, Familiarity with CAD software a plus.</i></p> |                                  |                  |
| <b>CAD 117</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>3D PRINTING BASICS</b>        | <b>3 CREDITS</b> |
| <p>This is an introductory 3D Printing course. Students will learn the basics of additive manufacturing and working with 3D printers. The student will use various CAD softwares to create their own parts or use existing drawings or files for the printing of parts or projects. Students download files, import to the software slicer, analyze the best way to print, add printing supports and print the project.</p>                                                                                                                                                                |                                  |                  |
| <b>CAD 127</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>SOLID WORKS ESSENTIALS</b>    | <b>3 CREDITS</b> |
| <p>This course applies the use of Solid Works software for the design, solution and enhancement of complex 3D parts and assemblies. It applies the use of modeling capabilities of SolidWorks mechanical design and automation software, for the simulation, and functional analysis of working mating parts and prototypes. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: None, Familiarity with CAD software a plus.</i></p>                                                                                                                               |                                  |                  |

## COMPUTER AIDED DESIGN (CONTINUED)

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| <b>CAD 137</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>REVIT MEP FUNDAMENTALS</b>   | <b>3 CREDITS</b> |
| <p>This course introduces the basic use of Revit software for MEP design of building structures and their components such as Mechanical, Electrical and Plumbing systems in 3D. Students will also annotate the models with 2D drafting elements, access building information from the building data base, work with schedules and creating details.</p> <p>Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: None, Familiarity with CAD software a plus.</i></p>                         |                                 |                  |
| <b>CAD 138</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>REVIT RESIDENTIAL DESIGN</b> | <b>3 CREDITS</b> |
| <p>This is a Residential Design course using Autodesk Revit. The student will learn the basic use of the software commands for the creation and development of a full set of plans of a residential building. The Plans include first floor, second floor, foundation, roof plan, mechanicals, electrical, plumbing and site-plan. Lecture two hours, Laboratory three hours per week.</p>                                                                                                                          |                                 |                  |
| <b>CAD 141</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>AUTOCAD PROD ESSENTIALS</b>  | <b>3 CREDITS</b> |
| <p>This course introduces the student already familiar with AutoCAD to use templates and productivity commands. Use drawings with attributes data, static blocks and dynamic blocks. Maximize plotting output, print scales, pallets, tables, schedules and trouble shoot common AutoCAD problems. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisites: Take CAD-100, CAD-101 and CAD-102, or instructor permission - Must be completed prior to taking this course.</i></p>                |                                 |                  |
| <b>CAD 203</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>ELECTRONICS DRAFTING</b>     | <b>3 CREDITS</b> |
| <p>Covers the use of AutoCAD software for preparation of drawings used by electrical engineers, such as block diagrams, chassis design, wiring diagrams, schematic diagrams and printed circuit board design. Emphasis on creation of PCB artwork using standard libraries. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: CAD 100 and CAD 101, or permission of instructor.</i></p>                                                                                                   |                                 |                  |
| <b>CAD 205</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>MECHANICAL DESIGN</b>        | <b>3 CREDITS</b> |
| <p>Covers the use of AutoCAD software for graphical analysis of mechanical components. Topics include developing a movie file of a mechanism that displays how it operates, kinematic analysis of various linkages and mechanisms, creation of accurate CAD drawings of these components and graphical solution to design problems traditionally solved by using mathematics. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: CAD 100 and CAD 101, or permission of instructor.</i></p> |                                 |                  |
| <b>CAD 215</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>3D MODELING</b>              | <b>3 CREDITS</b> |
| <p>Covers the use of AutoCAD software for creating 3D models of various mechanical parts and assemblies. Topics include wireframe models, surface models, solid models, solid primitives, solid editing, rendering and mass calculations. Course provides foundation for further work in 3D animation as well as modeling for engineering prototype testing and evaluation. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: CAD 100 and CAD 101, or permission of instructor.</i></p>   |                                 |                  |

## COMPUTER AIDED DESIGN (CONTINUED)

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| <b>CAD 220</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>AUTODESK INVENTOR</b>       | <b>3 CREDITS</b> |
| <p>This course introduces the use of Autodesk Inventor software for the design, solution and enhancement of design projects traditionally designed with 3D CAD. It incorporates the use of 3D parametric technology. This course develops the abilities of the student to work with parametric modeling techniques. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: None, Familiarity with CAD software a plus.</i></p>                                    |                                |                  |
| <b>CAD 225</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>INDUSTRIAL APPLICATIONS</b> | <b>3 CREDITS</b> |
| <p>Covers the use of AutoCAD software to examine practices and economies of modern industrial CAD departments. Students receive opportunities for advanced problem solving and are encouraged to use their own judgment and initiative in the solution of these problems. All completed work should be done on a professional basis. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: CAD 100 and CAD 101, or permission of instructor.</i></p>             |                                |                  |
| <b>CAD 227</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>SOLID WORKS ASSEMBLIES</b>  | <b>3 CREDITS</b> |
| <p>This course applies the use of Solid Works software for the design, solution and enhancement of complex 3D parts and assemblies. It applies the use of modeling capabilities of SolidWorks mechanical design and automation software, for the simulation, and functional analysis of working mating parts and phototypes. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisite: CAD 127 or permission of instructor.</i></p>                                  |                                |                  |
| <b>CAD 237</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>REVIT BIM MANAGEMENT</b>    | <b>3 CREDITS</b> |
| <p>This course uses Revit software for BIM Management applications for Creating custom Templates, Schedules, System Families, Component Concepts, Family Types and Techniques and Other Industry Specific Management Tools and Projects. Lecture two hours, Laboratory three hours per week.</p>                                                                                                                                                                                       |                                |                  |
| <b>CAD 238</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>REVIT COMMERCIAL DESIGN</b> | <b>3 CREDITS</b> |
| <p>This is a Commercial Design course using Autodesk Revit. The student will learn the basic use of the software commands for the creation and development of a full set of plans of a commercial building. The Plans include first floor, second floor and or additional floors, foundation, roof plan, mechanicals, electrical, plumbing and site-plan. Lecture two hours, Laboratory three hours per week.</p> <p><i>Prerequisite: CAD-138 or permission of the instructor.</i></p> |                                |                  |
| <b>CAD 241</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>AUTOCAD PRODUCTIVITY</b>    | <b>3 CREDITS</b> |
| <p>Advanced AutoCAD techniques are taught with a focus on productivity and time management. Students learn how to analyze an assignment, determine an efficient course of action and work quickly and accurately to meet deadlines. Lecture two hours, laboratory three hours per week.</p> <p><i>Prerequisites: Take CAD-100, CAD-101 and CAD-102, or instructor permission - Must be completed prior to taking this course.</i></p>                                                  |                                |                  |

## COMPUTER AIDED DESIGN (CONTINUED)

- CAD 253      SUCCESSFUL CAREER & LIFE STRATEGIES      2 CREDITS**  
Course is designed to provide students with workplace skills necessary to identify their personal and professional needs. The course focuses on successful strategies for finding and keeping a job and knowing when to make career changes. Emphasis will be placed on money management, investments, debt management and personal assets. The U.S. Labor Secretary's Commission of Achieving Necessary Skills (SCANS) provides an outline for this course.  
*Prerequisite: Placement into ENG 101 and completion of 30 credit hours of college course work.*
- CAD 299      SPECIAL TOPICS IN COMPUTER ASSISTED DESIGN      1 TO 5 CREDITS**  
Course covers different current topics in Computer Assisted Design. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.

## ■ CHEMISTRY

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- CHM 100      FUNDAMENTALS OF CHEMISTRY      4 CREDITS**  
This laboratory course in general chemistry covers the fundamental concepts of physical, inorganic, organic and biochemistry. It is not a prerequisite for any other chemistry course and may be used to fulfill the chemistry requirement for health occupations programs. Lecture three hours, laboratory three hours per week.
- CHM 101      CHEMISTRY IN ART      4 CREDITS**  
The student will learn fundamental principles and theories of chemistry through their application to the field of art. Labs will illustrate chemical techniques and principles while creating unique art pieces. This course will meet the general education requirements for a science course with lab.
- CHM 102      INTRODUCTION TO CHEMISTRY II      4 CREDITS**  
A continuation of CHM 101, this course deals with the chemistry of metals and chemical equilibrium and organic and nuclear chemistry. It discusses environmental problems in modern society. Lecture three hours, laboratory three hours per week.  
*Prerequisite: CHM 101.*
- CHM 105      GENERAL CHEMISTRY I (IAI: P1 902L)      5 CREDITS**  
Beginning course is for students majoring in chemical engineering or science intending to transfer to a four-year college requiring 10 hours of chemistry. Fundamental principles of chemistry are reviewed, with emphasis on ionization, structure of matter, valence and oxidation state. Lecture four hours, laboratory three hours per week. This course applies to the IAI General Education Core Curriculum Physical Science package.  
*Prerequisite: One year of high school chemistry or CHM 100 and MAT 105 or concurrent enrollment with MAT105.*

## CHEMISTRY (CONTINUED)

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| <b>CHM 106</b> | <b>GENERAL CHEMISTRY II</b> | <b>5 CREDITS</b> |
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A continuation of CHM 105, this course emphasizes solution chemistry, including acids and bases. It investigates rates and mechanisms of various equilibria in lectures and the laboratory. Also considered are complexions, colloids and nuclear chemistry. Students are presented with an overview of classical qualitative analysis with some fundamentals of instrumental analysis through laboratory experiences. Lecture four hours, laboratory three hours per week.

*Prerequisite: CHM 105.*

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| <b>CHM 205</b> | <b>ORGANIC CHEMISTRY I</b> | <b>5 CREDITS</b> |
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Nomenclature, reactions, preparations and reaction mechanisms of the more familiar families of carbon compounds. The course focuses on the hydrocarbons, including aromatics and alkyl halides. Also studied are the stereochemistry and spectroscopic methods. The laboratory work covers separations, identifications, characterizations and preparations of representative organic compounds. Lecture three hours, laboratory six hours per week.

*Prerequisite: CHM 106.*

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|----------------|-----------------------------|------------------|
| <b>CHM 206</b> | <b>ORGANIC CHEMISTRY II</b> | <b>5 CREDITS</b> |
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CHM 206 is a continuation of CHM 205. Topics covered are the carbonyl functional groups and amines. Biological applications of organic chemistry also are studied. The laboratory consists of the synthesis and identification of representative compounds and qualitative analysis. Lecture three hours, laboratory six hours per week.

*Prerequisite: CHM 205.*

## ■ COMPUTER INFORMATION SYSTEMS

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| <b>CIS 102</b> | <b>CAREER ESSENTIALS FOR CIS</b> | <b>3 CREDITS</b> |
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Students will use real world business examples within the context of the computer information system field to improve their problem solving and critical thinking techniques as they develop the verbal and written communication knowledge, skills and abilities required for employment in the field. Students will explore computing-related employment opportunities and will develop a personalized academic plan. Lecture three hours per week.

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| <b>CIS 103</b> | <b>INTRODUCTION TO WEB DESIGN</b> | <b>3 CREDITS</b> |
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Students will gain the knowledge and skills necessary to create effective Web sites as they learn the principles of Web design using Dreamweaver software. They will learn to combine effective navigation with the use of graphics, text and color. Lecture two hours, laboratory three hours per week.

*Prerequisite: CIS 116 or Permission of Instructor*

## COMPUTER INFORMATION SYSTEMS (CONTINUED)

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| <b>CIS 104</b> | <b>CIS FUNDAMENTALS</b><br>Students will learn computer concepts and terminology as they study the basics of computer infrastructure, managing applications and software, software development, database fundamentals, and computer security.                                                                                                                                                                                                                   | <b>3 CREDITS</b> |
| <b>CIS 105</b> | <b>INTRODUCTION TO PROGRAMMING</b><br>Introduces the fundamental logic needed to solve various business programs, such as reports, extracts, edits and updates. Students learn this primarily through the use of flowcharts, supplemented by pseudocode, structured programming concepts and other documentation techniques. Lecture two hours, laboratory three hours per week.                                                                                | <b>3 CREDITS</b> |
| <b>CIS 116</b> | <b>INTRODUCTION TO HTML CODING</b><br>Students gain practical experience creating multimedia Web pages with hypertext links. They will create tables and frames by using HTML. In addition, they will use cascading style sheets, work with dynamic content, and control mouse and keyboard events. Some programming with Java Script. Lecture two hours, laboratory three hours per week.<br><i>Prerequisite: Basic computer operating and browser skills.</i> | <b>3 CREDITS</b> |
| <b>CIS 121</b> | <b>DATABASE MANAGEMENT</b><br>Covers all aspects of data base systems, including physical and logical structure, data languages and data base design. The student designs a microcomputer data base system. Lecture two hours, laboratory three hours per week.<br><i>Prerequisite: CPS 111 or Permission of Instructor</i>                                                                                                                                     | <b>3 CREDITS</b> |
| <b>CIS 132</b> | <b>INTRODUCTION TO NETWORKING</b><br>Students will get an introduction to concepts of setup, configuration, maintenance, management, and securing modern network infrastructure and services. Topics to be covered include OSI/TCP model, network assets, switching, routing, wireless, telephone, and cable infrastructure, the Internet, remote access, etc. Lecture two hours, laboratory three hours per week.                                              | <b>3 CREDITS</b> |
| <b>CIS 133</b> | <b>OPEN SOURCE OPERATING SYSTEMS</b><br>Students will get an introduction to UNIX and Linux kernels, Open Source Operating Systems (OSs), and GNU suite of software and tools. Topics covered will allow students to learn the skills required successfully navigate, configure, and manage Open Source OSs from the GUI and Command Line Interface. Lecture two hours, laboratory three hours per week.                                                        | <b>3 CREDITS</b> |
| <b>CIS 136</b> | <b>IDENTITY MANAGEMENT</b><br>Students will gain the knowledge, skills and ability necessary to install, configure, maintain and manage, and maintain Active Directory Domain Services (AD DS) as well as implement Group Policy Objects (GPOs). Lecture three hours, laboratory three hours per week.<br><i>Prerequisite: CIS 181 or Permission of Instructor</i>                                                                                              | <b>4 CREDITS</b> |

## COMPUTER INFORMATION SYSTEMS (CONTINUED)

### **CIS 144      INTRODUCTION TO PYTHON CODING      3 CREDITS**

Students will gain the fundamental knowledge, skills and abilities required to create basic Python programs for technology use in web development, data analysis, artificial intelligence, simulation and scientific computing. Lecture two hours, laboratory three hours per week.

*Prerequisite: CPS 111 or Permission of Instructor*

### **CIS 159      ADOBE PHOTOSHOP      3 CREDITS**

Photoshop is an image-editing program. Students will learn how to manipulate graphic images. Adobe Photoshop allows students to retouch photographs, merge and edit color images and create collages or original art work. This software can also be used in producing images for online and print media. Lecture two hours, laboratory three hours per week.

### **CIS 165      FUNDAMENTALS OF INFORMATION SECURITY      3 CREDITS**

Computer and Network security and countermeasures that are used to secure modern systems and networks. Topics to be covered include firewalls, intrusion detection systems, security protocols, IT policy, and best practices. Lecture two hours, laboratory three hours per week.

*Prerequisite: CIS 132 or Permission of Instructor*

### **CIS 170      INTRODUCTION TO JAVA      3 CREDITS**

Students for whom concepts such as Windows, menus, Web pages, and the Internet are familiar will use Java to create applets and programs for Windows applications. This course covers the Java programming environment, control structures, arrays, strings, characters, graphics, files, Java utilities, and bit manipulation. Lecture two hours, laboratory three hours per week.

*Prerequisite: CPS 111 and a programming course.*

### **CIS 175      CLOUD COMPUTING      3 CREDITS**

Students will have the knowledge and skills required to understand standard cloud methodologies; to implement, maintain, and deliver cloud technologies. Lecture two hours, laboratory three hours per week.

### **CIS 180      COMPUTER SERVICING-HARDWARE      3 CREDITS**

Students will get an introduction to concepts, components, techniques, and tools required to build, setup, operate, upgrade, and troubleshoot modern client-side infrastructure and virtualization. Topics to be covered include hardware components of desktops, laptops, multimedia and IoT devices, upgrading and replacing hardware components, using the PC repair tool kit, and safe and best practices when servicing technology hardware components. Lecture two hours, laboratory three hours per week.

## COMPUTER INFORMATION SYSTEMS (CONTINUED)

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| <b>CIS 181</b> | <b>COMPUTER SERVICING-OPERATING SYSTEMS</b><br>Students will get an introduction to concepts of installation, configuration, operation, maintenance, troubleshooting, and securing modern client and mobile operating systems (OSs), applications, management software and tools, and networks. Lecture two hours, laboratory three hours per week.                                                                                                                                                                                                                                                                     | <b>3 CREDITS</b> |
| <b>CIS 220</b> | <b>SYSTEMS ANALYSIS</b><br>Explores systems analysis and design, explains usage of various systems analysis tools and expands the concepts of file organization, data base management, JCL and utilities. It examines by case studies the implementation of production problems requiring the aid of systems analysis. Lecture two hours, laboratory three hours per week.<br><i>Prerequisite: CPS 111.</i>                                                                                                                                                                                                             | <b>3 CREDITS</b> |
| <b>CIS 233</b> | <b>INFOSEC DEFENSES &amp; INCIDENT RESPONSE</b><br>Students will learn the knowledge and skills required to work in a modern Security Operations Center (SOC) environment. Topics to be covered include incident response, system and network monitoring, intrusion detection and mitigation, and defensive security measures. Lecture two hours, laboratory three hours per week.<br><i>Prerequisite: CIS 165 or Permission of Instructor</i>                                                                                                                                                                          | <b>3 CREDITS</b> |
| <b>CIS 253</b> | <b>SUCCESSFUL CAREER &amp; LIFE STRATEGIES</b><br>Course is designed to provide students with workplace skills necessary to identify their personal and professional needs. The course focuses on successful strategies for finding and keeping a job and knowing when to make career changes. Emphasis will be placed on money management, investments, debt management and personal assets. The U.S. Labor Secretary's Commission of Achieving Necessary Skills (SCANS) provides an outline for this course.<br><i>Prerequisite: Placement into ENG 101 and completion of 30 credit hours of college course work.</i> | <b>2 CREDITS</b> |
| <b>CIS 265</b> | <b>CYBERSEC: RED TEAMING</b><br>Students will gain the knowledge, skills and abilities required to perform network penetration testing, vulnerability assessment, and security testing as they learn to secure network resources from cyberattacks while supporting the principles of confidentiality, integrity, and availability. Lecture three hours, laboratory three hours per week.<br><i>Prerequisite: CIS 133 &amp; CIS 165 or Permission of Instructor</i>                                                                                                                                                     | <b>4 CREDITS</b> |
| <b>CIS 295</b> | <b>CIS INTERNSHIP</b><br>Students will gain the knowledge, skills and abilities required to be employed in the computer information system field as they gain work experience in a supervised, approved training environment. In most cases, internships will be unpaid. 75 hours of work is required. This course can be repeated up to three times for credit.<br><i>Prerequisite: 12 semester credit hours completed or concurrent in major.</i>                                                                                                                                                                     | <b>1 CREDIT</b>  |

## COMPUTER INFORMATION SYSTEMS (CONTINUED)

CIS 299

### SPECIAL TOPICS IN COMPUTER INFORMATION SYSTEMS

1 TO 5 CREDITS

This course covers different current topics in Computer Information Technology. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.

## ■ COMPUTER SCIENCE

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CPS 101

### INFORMATION TECHNOLOGIES

2 CREDITS

A comprehensive overview of the computer. What it is, what it can and cannot do and how it may be instructed to solve problems. Students will become familiar with the terminology of data processing. Instruction is through independent study and involves reading a textbook on information technologies and working on simulated laboratory exercises using a CD-ROM. Lecture two hours per week.

CPS 111

### BUSINESS COMPUTER SYSTEMS (IAI: BUS902)

3 CREDITS

Students will gain the knowledge, skills and abilities to manage files; use word processing, spreadsheet, database, and presentation software to create and manipulate business documents; research and evaluate Internet resources; and apply the fundamentals of computer and information literacy in our digital world. Lecture two hours, laboratory three hours per week.

CPS 122

### MULTIMEDIA APPLICATIONS

3 CREDITS

microcomputer authoring system. Students will design and create multimedia applications that will run in a Windows environment. Text, graphics, sound, pictures, video and animation are included. Lecture two hours per week, laboratory three hours per week. Lecture two hours, laboratory three hours per week.

*Prerequisite: CPS 111 or equivalent.*

CPS 125

### INTRODUCTION TO AI

3 CREDITS

Students will develop a strong foundational understanding of modern artificial intelligence (AI) concepts through hands-on applications. They will also acquire essential skills for various technology driven job roles, with a focus on ethical and legal considerations, as well as strategies to adapt to the evolving goals and needs of today's businesses.

CPS 200

### C++ PROGRAMMING (IAI: CS 911)

3 CREDITS

Teaches C++ language with emphasis on science and engineering applications. Topics include file I/O, data types, control structures, subroutines, functions, arrays and pointers. Microsoft Visual C++ will be used to write, compile and execute programs. This course applies to the IAI Computer Science Major. Lecture two hours, laboratory three hours per week.

*Prerequisite: MAT 201 or permission of instructor.*

## COMPUTER SCIENCE (CONTINUED)

**CPS 225**

### **INTRODUCTION TO PROJECT MANAGEMENT**

**3 CREDITS**

Students will learn and apply the skills, knowledge and tools to successfully design, develop and manage projects. Topics include integration management, scope, scheduling, cost management, quality control, resource management, communications, risk management, procurement, ethics and stakeholder engagement.

*Prerequisite: CPS 111 or Permission of Instructor*

## ■ COLLEGE STUDY SKILLS

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**CSS 100**

### **COLLEGE SUCCESS SEMINAR**

**2 CREDITS**

The goal of this course is to familiarize the traditional college student as well as the continuing education student with academic and personal skills needed to make their college experience successful and rewarding. These skills include personal management, interpersonal communication, fundamental research techniques, and critical thinking.

*Pre-requisite: a requirement for any ENG 086 or 088 student pursuing the A.A., A.S.D., and A.L.S. degrees.*

## ■ EARLY CHILDHOOD EDUCATION

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**ECE 100**

### **EARLY CHILDHOOD GROWTH AND DEVELOPMENT (IAI: ECE 912) 3 CREDITS**

Foundation course explores theory and principles of child growth and development from prenatal through early adolescence year, with focus on the young child. In-depth study of cognitive, language, physical, social-emotional and aesthetic development is explored in light of the theories of Piaget, Erikson, Vygotsky, Skinner and others in context of gender, family, culture and society, with emphasis on implications for early childhood professional practice.

**ECE 101**

### **OBSERVATION AND ASSESSMENT OF CHILDREN**

**3 CREDITS**

Students will explore observational techniques and assessment practices that facilitate understanding of child development. Through supervised observations and experiences, in a childcare facility, the relationship between careful observation, communication and children's interactions is documented.

**ECE 105**

### **HEALTH, SAFETY AND NUTRITION FOR CHILDREN**

**3 CREDITS**

This course focuses on issues related to nutrition, health and safety of the individual child and children in group settings. Key strategies of a healthy lifestyle, preventive health and community health are explored.

**ECE 110**

### **INTRODUCTION TO EARLY CHILDHOOD EDUCATION**

**3 CREDITS**

Survey course provides overview of early childhood care and education, including historical perspectives, organization, structure programming and basic values in Early Childhood Education. Professional practices of early childhood educators are outlined with an emphasis on their ability to enhance personal skills of children at these ages and stages of development. Students will spend a minimum of 15 hours of observation in early childhood settings.

## EARLY CHILDHOOD EDUCATION (CONTINUED)

- ECE 115      FAMILY, SCHOOL AND COMMUNITY (IAI: ECE 915)      3 CREDITS**  
This course is an introduction to factors influencing relationships among families with young children, schools, agencies and communities. Students learn about community resources, family education programs and their development and support. This course will examine needs of infants, toddlers, school age children and teens with additional consideration of parenting programs and trends.
- ECE 120      LANGUAGE ARTS FOR CHILDREN      3 CREDITS**  
Presents techniques and methods encouraging the development of language in young children. Elements of prose and verse best suited for children at this age and stage of development are surveyed. Also included are techniques of storytelling, puppetry, dramatizing and use of audiovisual materials enhancing language skills.  
*Prerequisite: ECE 100 and ECE 101 or concurrent enrollment.*
- ECE 125      THE EXCEPTIONAL CHILD (IAI: ECE 913)      3 CREDITS**  
Students will learn to recognize characteristics of children with disabilities and the programs that serve them. Students will study applicable federal and state laws such as the Individuals with Disabilities Education Act. Historical, philosophical and legal foundations of special education will be presented. Students will be required to complete 15 hours of observation with students of disabilities.  
*Prerequisite: ECE 110 or concurrent enrollment.*
- ECE 130      EDUCATIONAL TECHNOLOGY      1 CREDIT**  
This course is designed to introduce current and future educators to the use of educational technologies with an emphasis on development of a portfolio. Students will examine a variety of technologies for use with an early childhood program. The course objectives and learning outcomes are intended to be achieved through the combination of this course with knowledge and experience gained in the remainder of the curriculum as a whole.
- ECE 160      CURRICULUM PLANNING FOR CHILDREN      3 CREDITS**  
The principles of planning, implementing, and evaluating a developmentally appropriate curricula are studied. Topics covered include schedules, projects, theme developments, integrating activities across the curriculum, setting up learning centers, activity development in curricular areas of language arts, fine arts, science, motor, math, social studies, and self-concept.  
*Prerequisite: ECE 110.*
- ECE 200      PLAY AND GUIDANCE OF CHILDREN      3 CREDITS**  
This course is an overview of different types and theories of play and the effect of play on development. The role of the teacher in facilitating play and choosing appropriate equipment is emphasized. Guidance practices will also be studied to provide methods and environmental planning to promote pro-social behavior.  
*Prerequisite: ECE 160 and ENG 101 or concurrent enrollment.*

## **EARLY CHILDHOOD EDUCATION (CONTINUED)**

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|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>ECE 202</b> | <b>MATH FOR EARLY CHILDHOOD</b><br>Focus on teaching mathematics and science for children through third grade by utilizing hands-on activities. Development of problem-solving skills and methods for encouraging exploration and experimentation is stressed. Also developmentally appropriate activities and instructional materials are covered.<br><i>Prerequisite: ECE 160 and ENG 101 or concurrent enrollment.</i>                                                                                                                                                                                                                                                                                                                              | <b>3 CREDITS</b> |
| <b>ECE 203</b> | <b>EMERGING LITERACY IN CHILDREN</b><br>Through exposure and practice, students explore a variety of literature and print script materials, techniques, strategies and activities facilitating young children's acquisition of essential competencies in literacy. Course delineates concepts involved in emergent literacy, an evolving process leading to readiness for more formal reading and writing instruction.<br><i>Prerequisite: ECE 120 and ENG 101 or concurrent enrollment.</i>                                                                                                                                                                                                                                                           | <b>3 CREDITS</b> |
| <b>ECE 207</b> | <b>CREATIVE EXPRESSION FOR CHILDREN</b><br>An overview of a wide variety of experiences and methods for developing self expression and creativity in young children through art, music, movement and drama. This course will stress the relationship of creative experiences within the curriculum and the role of creative expression within the early childhood program.<br><i>Prerequisite: ECE 160 or concurrent enrollment.</i>                                                                                                                                                                                                                                                                                                                   | <b>3 CREDITS</b> |
| <b>ECE 210</b> | <b>EARLY CHILDHOOD ADMINISTRATION</b><br>This course involves an examination of current early childhood administrative practices and procedures. An analysis of administrators' interactions with governmental, legal, business/finance, medical, social service and educational agencies are included. Students examine the management process of planning, staffing, record keeping, budgeting, and purchasing and monitoring for quality. Formation of policy statements, philosophy, programming, planning, evaluation and working with parents is included. Students become familiar with state licensing standards, accreditation, community resources and professional organizations.<br><i>Prerequisite: ECE 160 or concurrent enrollment.</i> | <b>3 CREDITS</b> |
| <b>ECE 215</b> | <b>THE FIRST THREE YEARS OF LIFE</b><br>This course focuses on patterns of growth and development of children from birth to age three. The specific needs of children, birth to age three, in various child care settings will be examined. Students will develop skills in managing a safe environment and planning stimulating, appropriate activities.                                                                                                                                                                                                                                                                                                                                                                                              | <b>3 CREDITS</b> |

## EARLY CHILDHOOD EDUCATION (CONTINUED)

### **ECE 260      ECE INTERNSHIP      3 CREDITS**

Focus on practical application of theories in early childhood education in supervised setting. Clinical experiences are arranged in a variety of child care facilities such as centers, homes, public schools, corporate centers, college laboratory schools and centers for exceptional children. Students have to complete at least 160 clock hours of supervised and documented work in early childhood settings, and one hour per week seminars discussing various topics. (Note: The programs of placement requirements for current physical examination, background check, and CPR and pediatric first aide training must be met prior to placement).

**Prerequisite:** *ECE 100, ECE 101, ECE 105, ECE 110, ECE 115, ECE 120, ECE 160, and ENG 101 or concurrent enrollment.*

### **ECE 261      ECE ADMINISTRATIVE INTERNSHIP      3 CREDITS**

This course is a practicum designed for those individuals who are interested in serving as administrators or directors of early childhood programs. The focus of this practicum experience is the application of early childhood leadership strategies, administrative skills and knowledge. Student practitioners will be supervised for 300 clock hours in an early childhood program and one-hour per week seminars to discuss readings, current issues, reports, problematic areas, and personal reflections.

**Prerequisite:** *ECE 210. This class should be taken in the last semester of the AAS ECE degree program.*

### **ECE 299      SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION      1 TO 5 CREDITS**

Course covers different current topics in Early Childhood Education. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.

## ■ ECONOMICS

### **ECO 101      PRINCIPLES OF ECONOMICS I (MACROECONOMICS) (IAI: S3 901)   3 CREDITS**

This introductory course emphasizes macroeconomic theory. Students study the economy as a whole through output, growth, savings and investments, money and banking, inflation, deficit spending, government demand and unemployment. They concentrate on the aggregates of economic analysis. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.

### **ECO 102      PRINCIPLES OF ECONOMICS II (MICROECONOMICS) (IAI: S3 902)   3 CREDITS**

Continuation of ECO 101, this course covers microeconomic theory. It stresses how individuals, firms and industries decide prices; competition of firms; monopolies; farming; distribution of income; business and the environment; labor; comparative economic systems and internal economics. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.

**Prerequisite:** *ECO 101.*

## ■ EDUCATION

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### **EDU 100      INTRODUCTION TO AMERICAN EDUCATION      3 CREDITS**

Students study American education as a professional and a private enterprise. Philosophical, historical and social foundations in the context of current issues, policies and trends, in the field of education, are examined. Emphasis is also placed on organization and structure, financing, curriculum, teaching and government responsibilities. This course requires 30 hours of observation at public schools.

***Prerequisite: Placement into ENG 101.***

### **EDU 999      BASIC SKILL TEST PREP      1- 3 CREDITS**

This course is designed to prepare prospective teachers to take and pass the Illinois Basic Skills Test (IBST), by refreshing and/or improving skills and abilities in Reading, Writing, and Mathematics.

***Prerequisite: Students must have basic computer skills. Standardized course developed by ICCB for community college students enrolled in teacher education courses and degree programs.***

## ■ ENGINEERING

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### **EGR 110      ENGINEERING GRAPHICS I      3 CREDITS**

Covers use of AutoCAD software for learning techniques used by engineers in graphical problem solving. Topics include points in space, lines in space, true lengths of lines, true size of angles, true size of planes, bearing, slope, strike, dip, areas and volumes. Lecture two hours, laboratory three hours per week.

***Prerequisite: None, Concurrent registration with CAD-100 and CAD-101 is highly recommended.***

### **EGR 111      ENGINEERING GRAPHICS II      3 CREDITS**

Covers use of AutoCAD software for preparation and analysis of assembly drawings. Topics include layout drawings, assembly drawings, weldments, dimensioning for interchangeable assembly, datum dimensioning, geometric and positional tolerancing, selecting and computing tolerances, classes of fits, methods of inspection and use of ANSI Standards. Lecture two hours, laboratory three hours per week. NOTE: EGR 111 is equivalent to CAD 104.

***Prerequisite: None, Concurrent registration with CAD-100 and CAD-101 is highly recommended.***

### **EGR 120      STATICS (IAI: EGR 942)      3 CREDITS**

Students will analyze one, two, and three dimensional resultant force systems in equilibrium using algebraic and graphical techniques. Students will discuss trusses, frames, centroids, friction, and work. Lecture three hours per week. This course applies to one or more IAI majors. See an Student success coach for details.

***Prerequisite: PHY 105 and MAT 201***

## ENGINEERING (CONTINUED)

**EGR 121**

**DYNAMICS (IAI: EGR 943)**

**3 CREDITS**

Students will analyze the kinematics and dynamics of particles and rigid bodies. Applications include Newton's laws of motion, the principles of work, energy, and momentum. Lecture three hours per week. This course applies to one or more IAI majors. See an Student success coach for details.

**Prerequisite:** *EGR 120 and MAT 201*

## ■ EMERGENCY MEDICAL TECHNICIAN

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**EMT 101**

**EMERGENCY MEDICAL TECHNICIAN**

**10 CREDITS**

This course provides instruction for students up to the level of Emergency Medical Technician-Basic. The course emphasizes the skills and knowledge necessary to provide emergency medical care at the basic life support level. Forty hours of clinical experience EMT-B is the entry-level course for an academic minor and/or career in Emergency Medical Services. It provides instruction in the skills necessary to administer basic life support (BLS) and care of sick and injured patients as set forth by the National Transportation and Safety Administration (NHTSA), and according to National Guidelines. Areas of instruction and skills include but are not limited to patient assessment, airway management, medication administration, and medical, trauma, childbirth, pediatric, and geriatric emergencies. Upon successful completion of this course, the student will be able to sit for the licensure exam approved by the National Registry of Emergency Medical Technicians (NREMT) to become a credentialed EMT. While all students are encouraged to obtain their professional certification/license following the course, it is not a requisite for successful completion.

**Prerequisite:** *Evidence of High School Diploma or GED completion*

**EMT 102**

**PARAMEDIC I**

**10 CREDITS**

Examines the role and responsibility of the paramedic in the health care delivery system, including an overview of human body systems, basic general pharmacology, medical terminology, patient assessment and examination, fluid therapy, and an in-depth study of the respiratory cardiovascular, endocrine, gastrointestinal, renal, central nervous system, obstetrics, pediatrics and special population systems.

**Prerequisite:** *EMT 101, Corequisite: EMT 103*

**EMT 103**

**PARAMEDIC II**

**9 CREDITS**

Study of the cardiovascular system, and the study of epidemiology, anatomy and physiology, pathophysiology, assessment and management of the following patients: gynecologic, obstetric, neonate, pediatric, infectious, endocrine, gastrointestinal, urological, neurological, and psychiatric patients. The management of substance abuse and toxic emergency patients are discussed.

**Prerequisite:** *EMT 101, Corequisite: EMT 102*

## EMERGENCY MEDICAL TECHNICIAN (CONTINUED)

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|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>EMT 104</b> | <b>PARAMEDIC III</b><br>Covers the anatomy and physiology and management of the geriatric client, environmental and hematological emergencies, anaphylaxis, allergies, the challenged patients and chronic care patients. Examines the EMS considerations for violent situations and crime scenes and hazardous material situations. Also covers the pathophysiology and management of the musculoskeletal system and of trauma, including soft tissue injuries, burns, hemorrhage and shock.<br><i>Prerequisite: EMT 102 and EMT 103, Corequisite: EMT 233 and EMT 237</i> | <b>9 CREDITS</b> |
| <b>EMT 233</b> | <b>PARAMEDIC FIELD EXPERIENCE</b><br>While under the direct supervision of a certified paramedic, will accumulate a minimum of 248 hours of actual ambulance service (including a minimum of 50 calls, 25 of which must be Advanced Life Support responses). Included in the above calls, the student must serve as Team Leader in at least 50 calls.<br><i>Prerequisite: EMT 102 and EMT 103, Corequisite: EMT 104 and EMT 237</i>                                                                                                                                         | <b>8 CREDITS</b> |
| <b>EMT 237</b> | <b>PARAMEDIC INTERNSHIP</b><br>The student will be required to successfully complete ACLS, PHTLS, AMLS and PALS courses. Completion of the field Capstone must include a team leader role on 20 ALS ambulance calls in order to graduate and complete EMT 237.<br><i>Prerequisite: EMT 102 and EMT 103, Corequisite: EMT 104 and EMT 233</i>                                                                                                                                                                                                                                | <b>2 CREDITS</b> |

## ■ ENGLISH

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|                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>ENG 020</b> | <b>ENGLISH FOR HEALTH SERVICES</b><br>This self-contained, audio-tutorial program enables students to discover the meaning of medical terms by analyzing, combining and defining their parts. Laboratory two hours per week. To be successful in this course, students should be able to follow written and spoken directions. This course does not apply toward the graduation requirements for the degree and certificate curricula in the career or university transfer program. | <b>1 CREDIT</b>  |
| <b>ENG 070</b> | <b>INTENSIVE GRAMMAR INTERMEDIATE</b><br>Students will improve their writing skills through the study of English grammar. The focus of the course will be learning English grammar rules, word usage, and sentence structure. Students will learn principles of grammar, such as verb usage, subject-verb agreement, and word order, to augment their development as writers in their Reading and Writing II (EL) course.                                                           | <b>1 CREDIT</b>  |
| <b>ENG 071</b> | <b>INTENSIVE READING AND WRITING</b><br>Students will develop English reading comprehension and writing skills by learning how to analyze texts from a variety of academic contexts. Students will express their understanding of those texts in writing by learning how to paraphrase, summarize, review, define, describe and evaluate academic texts.<br><i>Prerequisite: English Placement Test.</i>                                                                            | <b>4 CREDITS</b> |

## ENGLISH (CONTINUED)

- ENG 072 INTENSIVE ACADEMIC LISTENING AND SPEAKING 4 CREDITS**  
Students will develop listening comprehension and oral skills for the college classroom by learning how to identify and restate ideas, meaning and themes from oral discussion, tapes and lecture. Course participation will include group discussion, oral presentations, dictation and note-taking in English.  
*Prerequisite: English Placement Test.*
- ENG 075 INTENSIVE GRAMMAR ADVANCED 1 CREDIT**  
Students will prepare for entrance into ENG 101 (or the ENG 101-088 co-req) by reviewing and applying the grammar knowledge taught in ENG 070. Emphasis will be placed on identifying and editing advanced grammatical errors and syntactical sentence structures to augment their development as writers in their Reading and Writing III (EL) or Basic Composition (EL) courses.
- ENG 076 INTENSIVE READING AND WRITING (ADVANCED) 4 CREDITS**  
Students will prepare for entrance into ENG 101 by reading and writing about a variety of texts from academic contexts. Emphasis will be placed on reading and responding to longer and more complex texts than those that were used in ENG 071. Students will demonstrate their advanced reading comprehension and writing skills through their articulation of those texts in discussion and in writing. Students will express their ideas, thoughts and opinions using various writing formats, including summary, review and exposition.  
*Prerequisite: ENG 071 or qualifying score on English Placement Test.*
- ENG 077 INTENSIVE ACADEMIC LISTENING AND SPEAKING (ADVANCED) 4 CREDITS**  
Students will prepare for entrance into ENG 101 by developing advanced listening comprehension and oral skills for the college classroom through participation in oral presentations, classroom discussions and debates. Emphasis will be placed on college vocabulary development and pronunciation. Students will build on oral skills that were developed in ENG 072 to increase their ability to speak extemporaneously on a variety of academic topics.  
*Prerequisite: ENG 072 or qualifying score on English Placement Test.*
- ENG 084 READING AND WRITING II 3 CREDITS**  
Students develop their literacy skills by reading extended narratives and brief essays, and interacting with them in course discussion, group work and their own writing. Students write informal letters that summarize and respond to reading materials and also keep a reading journal. Successful students will become active readers with improved concentration and stamina. They will be able to construct readable and coherent multi-paragraph summaries of and responses to their reading. Lecture three hours per week.  
*Prerequisite: English Placement Test.*

## ENGLISH (CONTINUED)

**ENG 086**

### **READING AND WRITING III**

**3 CREDITS**

Students move toward college-level literacy skills by reading extended narratives and brief essays, and interacting with them in course discussion, group work and their own writing. Students write informal letters, essays that respond to readings and a reading journal. Successful students will become active readers who learn to question the texts they read. They will be able to construct readable and coherent multi-paragraph essays in response to their reading. Lecture three hours per week.

***Prerequisite: English Placement Test, ENG 084.***

**ENG 088**

### **BASIC COMPOSITION**

**3 CREDITS**

Students develop college-level literacy skills by writing expository essays based on personal experience and by reading, discussing and writing about issue-oriented nonfiction texts of various lengths. Successful students will gain the abilities to develop their own experience-based, well-structured and purposeful essays using clear, correct English and also to interact intelligently with another author's ideas. Lecture three hours per week.

***Prerequisite: English Placement Test, ENG 086 or successful appeal after ENG 084.***

**ENG 101**

### **RHETORIC I (IAI: C1 900)**

**3 CREDITS**

By practicing academic writing, Rhetoric I students develop the rhetorical skills to communicate effectively in and beyond college. Writing assignments emphasize careful and accurate reading of existing texts and thoughtful interaction with them. For their writing projects, students practice rhetorical and critical strategies for both reading and writing.

***Prerequisite: English Placement Test, ENG 088, successful appeal after 084 or 086, or appropriate Multiple Measures fulfillment.***

Note: All entering freshmen (first-time college enrollees) must earn at least a "C" in each of ENG 101 and ENG 102 for satisfactory completion of the IAI General Education Package and for graduation from the College in all university transfer degrees (A.A., A.S., and A.F.A.). This is a regulation of the IAI Steering Panel and endorsed by the Illinois Community College Board.

**ENG 102**

### **RHETORIC II (IAI: C1 901R)**

**3 CREDITS**

Students further develop the composition and comprehension skills they gained in Rhetoric I. The course focuses on writing as a means of learning to reason effectively. In the process of writing several essays, including a minimum of 10 pages of research writing, students learn to analyze arguments and to construct a complex argument that interweaves their own ideas with those of their sources. Students also learn basic text-based and electronic research methods and proper documentation procedures. Lecture three hours per week.

***Prerequisite: ENG 101.***

Note: All entering freshmen (first-time college enrollees) must earn at least a "C" in each of ENG 101 and ENG 102 for satisfactory completion of the IAI General Education Package and for graduation from the College in all university transfer degrees (A.A., A.S., and A.F.A.). This is a regulation of the IAI Steering Panel and endorsed by the Illinois Community College Board.

## ENGLISH (CONTINUED)

- ENG 151**      **CREATIVE WRITING I, FICTION**      **3 CREDITS**
- Students in this course develop their creative writing skills through critical analysis of works by established authors, student writers, and through the execution of their own work. They learn to integrate narration, description, characterization, setting, plot and dialogue into their own works of fiction with an eye toward publication. Emphasis will be placed on critical analysis, the principles of fiction and the writing process. Lecture three hours per week.
- Prerequisite: Grade of C or better in ENG 101 or permission of instructor.*
- 
- ENG 152**      **CREATIVE WRITING II, NON-FICTION**      **3 CREDITS**
- Students in this course will develop their creative writing skills through critical analysis of literary essays written by established and student writers, and through the execution of their own. They learn to integrate narration, description, portraiture, setting and dialogue into their own literary essays with an eye toward publication. Emphasis will be placed on critical analysis, the principles of narration and the writing process. Lecture three hours per week.
- Prerequisite: Grade of C or better in ENG 101 or permission of instructor.*
- 
- ENG 211**      **INTRODUCTION TO LITERATURE (IAI: H3 900)**      **3 CREDITS**
- An introduction to the study and appreciation of fiction, poetry and drama. The main goal is to help students fully experience literature by developing an approach to determine literary meaning, form and value. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- Prerequisite: Credit or enrollment in ENG 101.*
- 
- ENG 215**      **AMERICAN LITERATURE I (IAI: H3 914)**      **3 CREDITS**
- Studies selected works of major American pre-Civil War authors. The principal aim is to acquaint students with the best expression of the American experience and to enlarge their perspective of the American scene. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- Prerequisite: A Grade of C or better in ENG 101*
- 
- ENG 216**      **AMERICAN LITERATURE II (IAI: H3 915)**      **3 CREDITS**
- Studies selected works of major American authors since the Civil War. The principal aim is to acquaint students with the best expressions of the American experience and to enlarge their perspective of the American scene. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- Prerequisite: A Grade of C or better in ENG 101*

## ENGLISH (CONTINUED)

### ENG 218      **U.S. LATINO/HISPANIC LITERATURE (IAI: H3 910D)**      **3 CREDITS**

Students examine various types of literary works that reflect the experience and construction of Latino ethnic and cultural identities in the United States. By studying works of U.S. Latino/Hispanic/Chicano literature, students explore both the particular and the universal: the struggle of writers within these ethnicities to establish voice and identity, as well as the place of these works in relation to other literatures in the United States. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

*Prerequisite: A Grade of C or better in ENG 101*

### ENG 219      **AFRICAN AMERICAN LITERATURE (IAI: H3 910D)**      **3 CREDITS**

Students read, analyze and discuss works in a variety of genres including folk literature, fiction, poetry, and drama by significant African-American writers from the eighteenth through the twentieth century. They study social, cultural, and historical contexts of works representative of literary movements, including the Harlem Renaissance, realism, naturalism, the Black Arts Movement, and postmodernism. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

*Prerequisite: Credit or enrollment in ENG 101.*

## ■ FIRE SCIENCE TECHNOLOGY

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### FIR 100      **PRINCIPLES OF EMERGENCY SERVICES**      **3 CREDITS**

This course provides an overview of fire protection: career opportunities in fire protection and related fields, philosophy and history of fire protection/service, fire loss analysis, organization and function of public and private fire protection services, fire departments as part of local government, laws and regulations affecting the fire service, fire service nomenclature, specific fire protection to fire protection systems, and introduction to fire strategy and tactics. Lecture three hours per week.

### FIR 112      **FIRE PREVENTION**      **3 CREDITS**

This course provides fundamental information regarding the history and philosophy of fire suppression, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationships of fire prevention with built-in fire protection systems, fire investigation, and life-safety education. Lecture three hours per week.

### FIR 120      **HAZARDOUS MATERIALS**      **3 CREDITS**

This course provides basic fire chemistry relating to the categories of hazardous materials including problems of recognition, reactivity, and health encountered by firefighters. Lecture three hours per week.

## **FIRE SCIENCE TECHNOLOGY (CONTINUED)**

### **FIR 132      TACTICS AND STRATEGY      3 CREDITS**

This course is part of the Fire Officer I series. The course explores the theories and fundamentals of how and why fires start, spread, and how they are controlled. This course also introduces basic principles and methods associated with fireground tactics and strategy as required of the company officer. Emphasis in the element of size-up, fireground operations, pre-fire planning, as well as basic engine and truck company operations on the fire scene. Lecture three hours per week.

### **FIR 145      INSTRUCTOR I      3 CREDITS**

This course is part of the Fire Officer I series and will provide information about the teaching/learning environment, methods of teaching, test administration and the use of the 4-step method of teaching. Students will complete several actual teaching exercises when completing this course. Lecture three hours per week.

***Prerequisite:*** Office of State Fire Marshall Fire Officer I Certification Requirements: 1) Four years minimum of fire service experience; 2) Certified Firefighter 3; 3) Completion of five F.O.I. courses; 4) One year of Fire Officer training.  
***Corequisite:*** FIR 100.

### **FIR 150      INTRODUCTION OF FIRE AND EMERGENCY SERVICES ADMINISTRATION      3 CREDITS**

This course introduces the student to the organization and management of a fire department and the relationship of government agencies to the fire service. Emphasis will concentrate on fire service leadership from the perspective of the company officer. Lecture three hours per week.

### **FIR 160      LEGAL ASPECTS OF THE FIRE SERVICE      3 CREDITS**

This course introduces the Federal, State, and local laws that regulate emergency services, national standards influencing emergency services, standard of care, tort, liability, and a review of relevant court cases. Lecture three hours per week.

### **FIR 170      PRINCIPLES OF FIRE AND EMERGENCY SAFETY AND SURVIVAL      3 CREDITS**

This course introduces the basic principles and history related to the national firefighter life safety initiatives, focusing on the need for cultural and behavior change throughout the emergency services. Lecture three hours per week.

### **FIR 180      FIRE INVESTIGATION I      3 CREDITS**

This course is intended to provide the student with the fundamentals and technical knowledge needed for proper fire scene interpretations, including recognizing and conducting origin and cause, preservation of evidence and documentation, scene security, motives of the fire setter, and types of fire causes. Lecture three hours per week.

## **FIRE SCIENCE TECHNOLOGY (CONTINUED)**

**FIR 190**

### **OCCUPATIONAL SAFETY AND HEALTH FOR FIRE SERVICE**

**3 CREDITS**

This course introduces the basic concepts of occupational health and safety as it relates to emergency service organizations. Topics include risk evaluation and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue. Upon completion of this course, students should be able to establish and manage a safety program in an emergency service organization. Lecture three hours per week.

**FIR 230**

### **FIRE PROTECTION SYSTEMS**

**3 CREDITS**

This course provides information relating to features of design and operation of fire alarm systems, water-based fire suppression systems, special hazard fire suppression systems, water supply for fire protection and portable fire extinguishers. Lecture three hours per week.

**FIR 240**

### **BUILDING CONSTRUCTION FOR FIRE PROTECTION**

**3 CREDITS**

This course provides the components of building construction that relate to fire and life safety. The focus of this course is on firefighter safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, preplanning fire operations, and operating at emergencies. Lecture three hours per week.

**FIR 245**

### **INSTRUCTOR II**

**3 CREDITS**

This course is part of the Fire Officer II series and is structured to provide the student with instruction in writing behavioral objectives, lesson plan construction, and development of evaluation instruments and use of visual aids. The student will develop the skills to write course content for company and department level instruction. Lecture three hours per week.

***Prerequisite: FIR 145. Corequisite: FIR 100.***

**FIR 250**

### **FIRE PROTECTION HYDRAULICS AND WATER SUPPLY**

**3 CREDITS**

This course provides a foundation of theoretical knowledge in order to understand the principles of the use of water in fire protection and to apply hydraulic principles to analyze and to solve water supply problems. Lecture three hours per week.

**FIR 270**

### **FIRE BEHAVIOR AND COMBUSTION**

**3 CREDITS**

This course explores the theories and fundamentals of how and why fires start, spread, and how they are controlled. Emphasis is concentrated on the molecular structure of how fire burns and sustains a burning state. Concepts associated with the chemistry and dynamics of fire will be covered as well as the science and dynamics behind the proper use and application of various extinguishing agents used in fire fighting. Lecture three hours per week.

## **FIRE SCIENCE TECHNOLOGY (CONTINUED)**

**FIR 280**

**FIRE INVESTIGATION II**

**3 CREDITS**

This course is intended to provide the student with advanced technical knowledge on rule of law, fire scene analysis, fire behavior, evidence collection and preservation, scene documentation, case preparation and testifying. Lecture three hours per week.

*Prerequisites: FIR 180 or instructor approval. Corequisite: FIR 100.*

## ■ **FRENCH**

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**FRE 101**

**ELEMENTARY FRENCH I**

**4 CREDITS**

This course for students with no previous credit in French provides practice in developing basic skills in speaking, understanding, reading and writing. Lecture four hours per week.

**FRE 102**

**ELEMENTARY FRENCH II**

**4 CREDITS**

This course is a continuation of FRE 101. Speaking, listening, reading, and writing skills are enhanced through communicative approaches and guided practice. Authentic readings are incorporated into program of study. Students develop skills needed for intermediate French. Lecture four hours per week.

*Prerequisite: FRE 101, one unit of high school French or permission of instructor.*

**FRE 201**

**INTERMEDIATE FRENCH I**

**4 CREDITS**

This course strengthens and expands ability to speak, understand, read and write. Readings and conversational practice offers insight into French cultural patterns. Lecture four hours per week.

*Prerequisite: FRE 102 or two years of high school French. (Students who have three units of high school French may also register for credit).*

**FRE 202**

**INTERMEDIATE FRENCH II**

**4 CREDITS**

This course continues the review of intermediate grammar and linguistic structures begun in FRE 201. Selections from original literary works from French masters and culture readings serve as bases for conversations, analyses and compositions. Vocabulary is augmented, writing skills are polished and fluency is increased. Lecture four hours per week.

*Prerequisite: FRE 201, three units of high school French or permission of instructor.*

## ■ **GAME DEVELOPMENT**

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**GSP 111**

**GAME DEVELOPMENT ESSENTIALS**

**3 CREDITS**

This course presents an overview of the game and simulation programming development process complete with a historical framework, content creation strategies, production techniques and future predictions. Lecture two hours per week. Lab three hours per week.

*Prerequisite: CPS 111.*

## ■ GEOGRAPHY

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- GEG 101      PHYSICAL GEOGRAPHY (IAI: P1 909)      5 CREDITS**
- The course covers the relationship between the elements of the physical environment and humans. Attention is focused upon the world problems which stem from the interaction of humans, the physical environment, the atmosphere and natural resources. Lecture five hours per week. This course applies to the IAI General Education Core Curriculum Physical Science Package.
- GEG 105      WORLD REGIONAL GEOGRAPHY (IAI: S4 906)      3 CREDITS**
- The course offers a regional approach for a better understanding and appreciation of geographic concepts and themes as they occur within the global context. This course examines/explores the geographic characteristics of developed and developing regions and how human and physical geographical factors influence the classification of these regions. A major emphasis is placed on developing the ability to read, use and analyze traditional and digital maps to determine common and unique characteristics and the interrelationship between regions of the world.
- GEG 107      INTRODUCTION TO HUMAN GEOGRAPHY (IAI S4 900N)      3 CREDITS**
- This course involves a systematic or topical approach to examining the basic concepts of human geography. Digital and traditional maps will be used to understand, analyze and gain spatial awareness of how factors, such as population distribution, culture, economic activity, urban development, and environmental impact influence the world we live in. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.
- GEG 125      GEOGRAPHY OF THE DEVELOPING WORLD (IAI: S4 902N)      3 CREDITS**
- This course offers a geographic survey of the environmental and cultural aspects of the Third World and Non-Western portions of the Eastern Hemisphere. It emphasizes spatial arrangements of population, human institutions, economic activities and cultural landscapes. It underscores distinctive regional problems. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/ Behavioral Science package.

## ■ GEOLOGY

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- GEL 101      PHYSICAL GEOLOGY (IAI: P1 907L)      4 CREDITS**
- This introductory course, covering the fundamentals of physical geology, deals with the physical processes that formed the earth in the past and continue to shape its surface today. Topics include historical background on the development of geology as a science; a thorough grounding in the reading of topographic maps; using maps to interpret the geology of the earth's surface and the study of the minerals and rocks constituting the earth's crust. Students discuss the latest theories of plate tectonics, sea floor spreading and paleomagnetism. Lecture two hours, laboratory four hours per week. This course applies to the IAI General Education Core Curriculum Physical Science package.

## ■ HEALTH INFORMATION TECHNOLOGY

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### **HIT 103      CODING AND CLASSIFICATION SYSTEMS      3 CREDITS**

This course instructs the student on applications of basic coding rules, principles, guidelines, and conventions. It introduces principles of various classification systems with emphasis on the current ICD classification system utilizing manual and computer applications. Focus is on the development of skills needed for assignment of valid Diagnostic and Procedure Codes. It includes the validation of coded clinical information, and the study of the uses of coded data and health information in reimbursement and payment systems appropriate to all health care settings and managed care.

## ■ HISTORY

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### **HIS 103      EARLY WESTERN CIVILIZATION (IAI: H2 901)      3 CREDITS**

This course is a cultural and social survey of the Western World from its origins to the end of the 15th Century. It emphasizes social, intellectual and cultural trends rather than political chronology. Topics include the status of women, scientific progress and the development of religion, morals and manners, entertainment and the arts. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

### **HIS 104      MODERN WESTERN CIVILIZATION (IAI: H2 902)      3 CREDITS**

A continuation of HIS 103, this course surveys the cultural and social life of the Western World from the end of the 15th Century to the present. Topics cover the expansion of Western influence and a critical analysis of cultural trends and social institutions. Also analyzed are the status of women, scientific progress, technological advances, witchcraft, the arts and entertainment, communism, fascism and nazism. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

### **HIS 105      AMERICAN HISTORY TO 1865 (IAI: S2 900)      3 CREDITS**

Students gain an understanding of the origins and growth of America's cultural and political systems. Topics include the European background to colonization, colonial society, American Revolution, formation of a constitutional government, Jacksonian Democracy, our religious heritage, the diverging socio-economic paths of the American North and South, slavery and the Civil War. This course applies to the IAI General Education Core Curriculum Social/Behavior Science package.

### **HIS 106      AMERICAN HISTORY FROM 1865 (IAI: S2 901)      3 CREDITS**

The course emphasis is on the creation of an industrial society emerging into a world power. Students explore the problems of becoming a world power. Topics include Reconstruction, growth of business and labor, immigration and ethnic culture, politics and foreign policy, the World Wars, the Great Depression and civil rights (with special attention to the drive for the rights of women and Blacks). This course applies to the IAI General Education Core Curriculum Social/Behavior Science package.

## HISTORY (CONTINUED)

**HIS 140**

### **AMERICAN POPULAR CULTURE**

**3 CREDITS**

This course defines popular culture as it is differentiated from folk and elite culture. It identifies the conditions allowing for the growth of popular culture (such as technology and urbanization) and follows the emergence and transformation of examples of popular culture such as literature, music, theatre, movies and television. Popular culture from the colonial era through the end of the 19th Century are briefly covered. More time is allocated for 20th Century developments. Lecture three hours per week.

**HIS 190**

### **WAR AND WESTERN SOCIETY**

**3 CREDITS**

Students explore the relationship between war and Western Society from the Greeks to the present. This relationship will be addressed by constructing a narrative and an analysis focusing on the evolving relationship among Western Society, armies and technology. Thus, the more traditional aspects of military history such as strategy, tactics, logistics and leadership will be placed in a broad framework. The course also will examine how the experience of warfare has been portrayed by historians, novelists and film makers.

*Prerequisite: ENG 101.*

## ■ HUMANITIES

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**HUM 150**

### **HUMANITIES THROUGH THE ARTS (IAI: HF 900)**

**3 CREDITS**

This course surveys film, drama, music, literature, painting, sculpture, philosophy, dance and architecture from the standpoint of historical context, elements distinctive to the art form, form as related to meaning, and critical and evaluative approaches. This introductory course in the humanities will include basic terminology of the arts, explain how the arts are connected and examine our place within the humanities. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

**HUM 153**

### **SURVEY OF FILM HISTORY (IAI: F2 909)**

**3 CREDITS**

This course is a historical and critical survey of motion pictures from their inception to the present. Topics include film as an art form, social and technical aspects, production methods and discussion and critique of selected films. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

**HUM 154**

### **LATIN AMERICAN CIVILIZATION AND CULTURE (IAI: H2 903N)**

**3 CREDITS**

Students will explore the history of Latin America from its civilizations at the time of European contact to the present. We will examine how Indigenous Latin American cultures influenced and adapted to European cultures as well as the role of African cultures in Latin America. Ultimately, This course will examine how music, art, movies, and literature are and have been instrumental to Latin American understandings of self and society. Classroom instruction takes place in English, though students may choose to read some texts in English or Spanish.

## ■ HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION

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| <b>HVA 101</b> | <b>BASIC REFRIGERATION</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>3 CREDITS</b> |
|                | Covers the basic refrigeration cycle and refrigerants and their properties. It teaches the basics of compressor operation and the components of a refrigeration system with their corresponding controls. Lecture two hours, laboratory two hours per week.                                                                                                                                                        |                  |
| <b>HVA 102</b> | <b>BASIC HEATING AND AIR CONDITIONING</b>                                                                                                                                                                                                                                                                                                                                                                          | <b>3 CREDITS</b> |
|                | Introduces students to the basic principles and practices of residential heating and air conditioning. It covers concepts, types of equipment, systems, operation, and their applications. Lecture two hours, lab two hours per week.                                                                                                                                                                              |                  |
| <b>HVA 103</b> | <b>INTERMEDIATE REFRIGERATION</b>                                                                                                                                                                                                                                                                                                                                                                                  | <b>3 CREDITS</b> |
|                | A continuation of HVA 101. Students learn the four components of the basic refrigeration cycle in greater detail. System operation and basic troubleshooting is covered, along with refrigeration tools and their proper use. Lecture two hours, laboratory two hours per week.<br><i>Prerequisite: Credit in HVA 101.</i>                                                                                         |                  |
| <b>HVA 104</b> | <b>INTERMEDIATE HEATING AND AIR CONDITIONING</b>                                                                                                                                                                                                                                                                                                                                                                   | <b>3 CREDITS</b> |
|                | An advancement of the basic principles, practices and skills learned in HVA 102. Students will learn in greater detail the concepts applied to basic heating and air conditioning systems. Skills to be learned will include testing, troubleshooting and preparation of heating and air conditioning systems for operation. Lecture two hours and laboratory two hours per week.<br><i>Prerequisite: HVA 102.</i> |                  |
| <b>HVA 105</b> | <b>BASIC HVAC/R CONTROLS</b>                                                                                                                                                                                                                                                                                                                                                                                       | <b>3 CREDITS</b> |
|                | Introduces students to the controls used in heating, cooling and refrigeration. It emphasizes the theory of solid state controls and lab practicals related to solving control problems. Lecture two hours, laboratory two hours per week.                                                                                                                                                                         |                  |
| <b>HVA 110</b> | <b>ELECTRICITY FOR HVAC/R</b>                                                                                                                                                                                                                                                                                                                                                                                      | <b>3 CREDITS</b> |
|                | Covers the basic electrical knowledge and skills necessary in refrigeration and air conditioning. Topics include Ohm's law, alternating current fundamentals, instrumentation, power systems and electrical safety. Lecture two hours per week, laboratory two hours per week.                                                                                                                                     |                  |
| <b>HVA 120</b> | <b>BASIC SHEET METAL FABRICATION</b>                                                                                                                                                                                                                                                                                                                                                                               | <b>3 CREDITS</b> |
|                | Introduces students to the preliminary considerations of basic sheet metal fabrication and layout. Lecture two hours, laboratory two hours per week.                                                                                                                                                                                                                                                               |                  |
| <b>HVA 201</b> | <b>COMMERCIAL REFRIGERATION</b>                                                                                                                                                                                                                                                                                                                                                                                    | <b>3 CREDITS</b> |
|                | The course objective is to have students apply their knowledge of basic refrigeration theory, components, practices and skills to work on commercial refrigeration systems. Students will learn to install, troubleshoot and repair commercial reach-in, walk-in and ice machine refrigeration systems. Lecture two hours, laboratory two hours per week.<br><i>Prerequisite: Completion of HVA 103.</i>           |                  |

## HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (CONTINUED)

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| <b>HVA 202</b> | <b>HEAT LOAD CALCULATION AND SYSTEM DESIGN</b><br>Calculations and surveys needed to determine the heating and cooling requirements for residential, light commercial, and industrial structures. Methods used will be long form and software generated versions of ACCA Manual J. Lecture three hours per week.                                                                                                                                                                                                                                                                                                        | <b>3 CREDITS</b>      |
| <b>HVA 203</b> | <b>COMMERCIAL AIR CONDITIONING AND REFRIGERATION</b><br>The course objective is to have students apply their knowledge of basic air conditioning theory, components, practices and skills to work on commercial air conditioning systems. Students will learn to install, troubleshoot and repair commercial roof-top and water based "chiller" air conditioning systems. Lecture two hours, laboratory two hours per week.<br><i>Prerequisite: Completion of HVA 103.</i>                                                                                                                                              | <b>3 CREDITS</b>      |
| <b>HVA 204</b> | <b>HYDRONIC COMFORT SYSTEMS</b><br>Introduces students to the basic principles and practice of hydronic (water based) heating/air conditioning systems for residential and light commercial buildings. It covers hydronic heat sources, pumps, fittings, valves, distribution systems, radiant heating and controls. Lecture two hours, laboratory two hours per week.                                                                                                                                                                                                                                                  | <b>3 CREDITS</b>      |
| <b>HVA 206</b> | <b>REFRIGERANT HANDLING/EPA EXAM REVIEW</b><br>This course reviews the information and skills necessary to successfully complete the Air Conditioning and Refrigeration Institute (ARI) competency and refrigerant handling exams required to work in the refrigeration/air conditioning industry. Lecture two hours, laboratory two hours per week.<br><i>Prerequisite: HVA 101</i>                                                                                                                                                                                                                                    | <b>3 CREDITS</b>      |
| <b>HVA 253</b> | <b>SUCCESSFUL CAREER &amp; LIFE STRATEGIES</b><br>Course is designed to provide students with workplace skills necessary to identify their personal and professional needs. The course focuses on successful strategies for finding and keeping a job and knowing when to make career changes. Emphasis will be placed on money management, investments, debt management and personal assets. The U.S. Labor Secretary's Commission of Achieving Necessary Skills (SCANS) provides an outline for this course.<br><i>Prerequisite: Placement into ENG 101 and completion of 30 credit hours of college course work.</i> | <b>2 CREDITS</b>      |
| <b>HVA 299</b> | <b>SPECIAL TOPICS IN HEATING, VENTILATION AIR CONDITIONING, AND REFRIGERATION</b><br>Course covers different current topics in Heating, Ventilation and Air Conditioning. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.                                                                                                                                                                                                              | <b>1 TO 5 CREDITS</b> |

## ■ INDEPENDENT STUDY

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### IND 199      **INDEPENDENT STUDY**      **1 TO 4 CREDITS**

For the student who has satisfactorily completed most or all of the course work in a specific baccalaureate discipline offered at the College and wishes to do advanced study in a special project or to experiment under the supervision of a faculty member. The project must be a reasonable and moderate extension of an existing course at the College and defined by a compact with the instructor.

*Prerequisite: Approved learning contract.*

## ■ JOURNALISM

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### JRN 101      **CULTURE OF JOURNALISM**      **3 CREDITS**

Culture of Journalism is an introduction to the journalistic profession. In this course, students explore the practical aspects of news writing, including the techniques of news gathering, reporting, and interviewing, and learn about the legal and ethical issues facing journalists. Lecture three hours per week.

### JRN 102      **NEWS EDITING AND PRODUCTION**      **3 CREDITS**

News Editing and Production provides an introduction to the principles and techniques of electronic editing and publication design. Students in this course will learn how to emphasize the editing of body copy and display type for maximum clarity and impact. The course builds upon knowledge gained in Culture of Journalism and focuses on the presentation of news in print and online media. Lecture three hours per week.

### JRN 106      **MASS MEDIA (IAI: MC 911)**      **3 CREDITS**

This course emphasizes the role played by print, film, radio and television in contemporary life. It helps orient journalism students to their field and provides other interested students with a background in media. Lecture three hours per week. This course applies to one or more IAI majors. See an Student success coach for details.

*Prerequisite: English Placement Test.*

## ■ CRIMINAL JUSTICE

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### LAW 101      **INTRODUCTION TO LAW ENFORCEMENT**      **3 CREDITS**

Introduces students to a law enforcement career. Topics include philosophical and historical background of law enforcement, local, state and federal agencies and processes by which law is administered, technical problems, a survey of professional career opportunities and required qualifications. Lecture three hours per week.

### LAW 102      **LOCAL ORGANIZED CRIME AND LAW ENFORCEMENT STRATEGIES**      **3 CREDITS**

This course will examine the unique and complex relationship between gangs and communities within the city of Chicago and suburbs. The course will examine the role of Chicago area gangs in criminal behavior at the local, national, and international level and the law enforcement challenges at each level.

## **CRIMINAL JUSTICE (CONTINUED)**

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| <b>LAW 104</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>POLICE OPERATIONS AND PROCEDURES I</b>          | <b>3 CREDITS</b> |
| Provides students with the skills and techniques basic to patrol administration. Lecture three hours per week.                                                                                                                                                                                                                                                                                                                                                             |                                                    |                  |
| <b>LAW 105</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>INTRODUCTION TO CORRECTIONS (IAI: CRJ 911)</b>  | <b>3 CREDITS</b> |
| This course will provide an overview of current institutional practices, policies, and legal issues involving corrections. The course will further discuss and analyze parole, probation and alternatives to corrections as well as the balancing of offenders' rights, victims' rights, and public safety. Lecture three hours per week. This course applies to one or more IAI majors. See a Student Success Coach for details.                                          |                                                    |                  |
| <b>LAW 201</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>TRAFFIC ENFORCEMENT AND CRASH INVESTIGATION</b> | <b>3 CREDITS</b> |
| This course will introduce students to Illinois traffic laws, traffic enforcement procedures, and traffic crash investigations. This course will also introduce students to the fundamental legal concepts of: ticketing, citations, reasonable suspicion, probable cause, arrest, search, and seizure - in the context of traffic stops and traffic crash investigations. Students will also learn fundamentals of traffic report and crash investigation report writing. |                                                    |                  |
| <b>LAW 202</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>JUVENILE DELINQUENCY (IAI: CRJ 914)</b>         | <b>3 CREDITS</b> |
| Provides a detailed study of the psychological, social and environmental causes of juvenile delinquency. It also covers the responsibilities and activities of law enforcement agencies in dealing with juvenile delinquency. Lecture three hours per week. This course applies to one or more IAI majors. See an Student success coach for details.                                                                                                                       |                                                    |                  |
| <b>LAW 204</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>CRIMINAL LAW I</b>                              | <b>3 CREDITS</b> |
| Illinois criminal law and its relationship to common law and case law; the elements of felonies and pertinent misdemeanors; the structure, definitions and most frequently used sections of the penal code and other criminal statutes. Lecture three hours per week.                                                                                                                                                                                                      |                                                    |                  |
| <b>LAW 205</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>CRIMINAL LAW II</b>                             | <b>3 CREDITS</b> |
| This course places focus upon significant legal issues that shape legal law enforcement behaviors. Subjects covered include arrest, search and seizure, police interrogation and confessions, police entrapment, and the due process model.                                                                                                                                                                                                                                |                                                    |                  |
| <b>LAW 206</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>INTRODUCTION TO CRIMINAL INVESTIGATION</b>      | <b>3 CREDITS</b> |
| Covers the fundamentals of investigation; crime scene search and recording; collection and preservation of physical evidence; scientific aids; modus operandi; sources of information; interviews and interrogation and follow-up and case preparation. Lecture three hours per week.                                                                                                                                                                                      |                                                    |                  |

## **CRIMINAL JUSTICE (CONTINUED)**

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| <b>LAW 207</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>COURT PROCEDURES AND EVIDENCE</b>              | <b>3 CREDITS</b>      |
| Study the evidence and rules of evidence governing trials. Topics include the examination of hearsay evidence and exceptions, opinion evidence, testimonial evidence, articles and exhibits of evidence. They also cover exclusionary rule, burdens of proof, direct and circumstantial evidence and evidence of electronic surveillance. Lecture three hours per week.                                                                            |                                                   |                       |
| <b>LAW 208</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>POLICE ORGANIZATION AND ADMINISTRATION</b>     | <b>3 CREDITS</b>      |
| This course covers management responsibilities in the line and staff services of police agencies, including techniques and methods of administration, planning, organization, direction, coordination, reporting and budgeting. Lecture three hours per week.                                                                                                                                                                                      |                                                   |                       |
| <b>LAW 209</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>INTRODUCTION TO FORENSICS</b>                  | <b>3 CREDITS</b>      |
| This course will provide students with a broad exposure to criminal forensic investigations. Students will learn the state of the art methods to investigate, reconstruct, analyze, and preserve the following crime scene forensic evidence: fingerprints, blood splatter, DNA, and written documents.                                                                                                                                            |                                                   |                       |
| <b>LAW 210</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>COLD CASE INVESTIGATION</b>                    | <b>3 CREDITS</b>      |
| Course provides basic principles of violent crime investigation, areas of concentration specific to cold case investigation within the criminal justice system, problems attached to investigating old cases, and specific ways in which witnesses might be related and contacted. Lecture three hours per week.                                                                                                                                   |                                                   |                       |
| <b>LAW 211</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>VULNERABLE POPULATIONS AND LAW ENFORCEMENT</b> | <b>3 CREDITS</b>      |
| This course examines the use of the criminal justice system to protect some of the most vulnerable groups in American society. We will focus on legal, policy and practical issues relating to the enforcement of these laws.                                                                                                                                                                                                                      |                                                   |                       |
| <b>LAW 280</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PRACTICUM- LAW ENFORCEMENT</b>                 | <b>3 CREDITS</b>      |
| Practical application of Law Enforcement theory. Students can intern at a police department, law enforcement related agency, or court system. Internship must be approved by the Law Enforcement Department Chair. Students will provide Law Enforcement Department Chair weekly updates and write a reflection summary paper at the conclusion of the internship. Students will spend a minimum of 225 hours onsite at their approved internship. |                                                   |                       |
| <b>LAW 299</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>SPECIAL TOPICS IN LAW ENFORCEMENT</b>          | <b>1 TO 5 CREDITS</b> |
| Course covers different current topics in Law Enforcement. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.                                                                                                                                                        |                                                   |                       |

## ■ MATHEMATICS

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|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>MAT 075</b> | <b>MATH FOR NURSES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>1 CREDIT</b>  |
|                | <p>The student reviews basic mathematics principles including fractions and decimals. Basic skills are applied to the use of ratio and proportion and the formula method of problem solving. All examples are drawn from nursing situations. Lecture one hour per week. This course does not apply toward the graduation requirement for the degree and certificate curricula in the career or university transfer program.</p>                                                                                                                     |                  |
| <b>MAT 080</b> | <b>MATHEMATICS FUNDAMENTALS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>3 CREDITS</b> |
|                | <p>(Formerly known as MAT 090.) The student reviews basic math principles, including fundamental operations of fractions, decimals, percents, measurement and geometric concepts. Lecture three hours per week. This course does not apply toward the graduation requirement for the degree and certificate curricula in the career or university transfer program.</p> <p><i>Prerequisite: Qualifying score on the Math Placement Test.</i></p>                                                                                                    |                  |
| <b>MAT 082</b> | <b>DEVELOPMENTAL MATHEMATICS</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>4 CREDITS</b> |
|                | <p>This course is designed for students who require developmental math prior to taking MAT 096, 097, or 098. Topics include operations with real numbers, solving linear equations and inequalities, elementary set operations, graphing linear equations, and related applications. This course does not apply toward the graduation requirement for the degree and certificate curricula in the career or university transfer program.</p> <p><i>Prerequisite: Placement through multiple measures placement.</i></p>                             |                  |
| <b>MAT 083</b> | <b>ELEMENTARY ALGEBRA - PART I</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>2 CREDITS</b> |
|                | <p>This is the first of two courses designed for students who have not completed high school algebra, students who need a review of elementary algebra and students who have had previous difficulty with the subject. Topics include operations with real numbers, simplifying algebraic expressions, solving linear equations, and related applications. Competence in arithmetic skills is required. Lecture two hours per week.</p> <p><i>Prerequisite: MAT 080 (formerly known as MAT 090) or qualifying score on Math Placement Test.</i></p> |                  |
| <b>MAT 084</b> | <b>ELEMENTARY ALGEBRA - PART II</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>2 CREDITS</b> |
|                | <p>This is the second of two courses designed for students who need a review of elementary algebra and students who have had previous difficulty with the subject. Topics include solving linear inequalities, literal equations and absolute value equations, graphing linear equations, and related applications. Lecture two hours per week.</p> <p><i>Prerequisite: MAT 083 or qualifying score on Math Placement Test.</i></p>                                                                                                                 |                  |

## MATHEMATICS (CONTINUED)

### **MAT 085      INTERMEDIATE ALGEBRA - PART I      2 CREDITS**

This is the first of two courses designed for students with a background in elementary algebra who need additional preparation before enrolling in college-level math courses. Topics include graphing linear equations, functions, solving systems of linear equations and systems of linear inequalities, properties of exponents, scientific notation, polynomials, and related applications. Lecture two hours per week.

***Prerequisites:*** MAT 084 or MAT 093, or qualifying score on Math Placement Test.

***Corequisite:*** Students who take MAT 085 during the first-half of the semester should also register for MAT 086 during the second-half of the semester if they plan on taking MAT 105.

### **MAT 086      INTERMEDIATE ALGEBRA - PART II      2 CREDITS**

This is the second of two courses designed for students with a background in elementary algebra who need additional preparation before enrolling in college algebra. Topics include factoring polynomials, rational expressions, rational exponents and radicals, quadratic equations, and related applications. Lecture two hours per week.

***Prerequisite:*** MAT 085 or qualifying score on Math Placement Test. ***Note:*** Students planning to take MAT 102 or MAT 120 are not required to take MAT 086.

### **MAT 092      ELEMENTARY GEOMETRY      3 CREDITS**

This course is for students who have not completed two semesters of high school geometry or have had previous difficulty with the subject. Topics include plane geometric figures such as angles, polygons and circles and the concepts of congruence, similarity, perimeter and area. Competence in elementary algebra is required. Lecture three hours per week. This course does not apply toward the graduation requirement for the degree and certificate curricula in the career or university transfer program.

***Prerequisite:*** MAT 084 or MAT 093, or qualifying score on Math Placement Test.

### **MAT 093      INTENSIVE ELEMENTARY ALGEBRA      4 CREDITS**

This course is for students who have not completed high school algebra, students who need a review of elementary algebra or students who have had previous difficulty with the subject. Topics include operations with real numbers, solving linear equations and inequalities, elementary set operations, graphing linear equations, and related applications. Competence in arithmetic skills is required. Lecture four hours per week. This course does not apply toward the graduation requirement for the degree and certificate curricula in the career or university transfer program.

***Prerequisite:*** MAT 080 (formerly known as MAT 090) or qualifying score on the Math Placement Test

## MATHEMATICS (CONTINUED)

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------|
| <b>MAT 095</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>INTERMEDIATE ALGEBRA</b>                             | <b>4 CREDITS</b>   |
| <p>This course provides additional algebraic background for those with one year of high school algebra. It covers the second year of high school algebra, including fundamental operations, simultaneous equations, quadratic equations, exponents and radicals, inequalities, factoring, problem solving and rational expressions. Lecture four hours per week. This course does not apply toward the graduation requirement for the degree and certificate curricula in the career or university transfer program.</p> <p><i>Prerequisite: MAT 084 or MAT 093, or qualifying score on Math Placement Test.</i></p> |                                                         |                    |
| <b>MAT 096</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>GENERAL ED MATH SUPPORT</b>                          | <b>2 CREDITS</b>   |
| <p>This course is designed for students who have a background in elementary algebra and must be taken along with MAT 102 as supplemental instruction. Topics include fractions, decimals, solving linear equations, properties of exponents, scientific notation, and radicals.</p> <p><i>Prerequisite: C or better in MAT 082, MAT 080, or multiple measures placement.</i></p>                                                                                                                                                                                                                                     |                                                         |                    |
| <b>MAT 097</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>INTERMEDIATE ALGEBRA SUPPORT</b>                     | <b>3 CREDITS</b>   |
| <p>This course is designed for students who have a background in elementary algebra and should be taken along with MAT 105 or MAT 120 as supplemental instruction. Topics include solving systems of linear equations, properties of exponents, scientific notation, polynomials, factoring polynomials, rational expressions, and rational exponents and radicals.</p> <p><i>Prerequisite: A or better in MAT 082 or MAT 084 or MAT 093 or multiple measures placement.</i></p>                                                                                                                                     |                                                         |                    |
| <b>MAT 098</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>STATISTICS SUPPORT</b>                               | <b>3 CREDITS</b>   |
| <p>This course is designed for students who have a background in basic math and should be taken along with MAT 141 as supplemental instruction. Topics include modeling, operations and expressions, graphing linear equations, simplifying expressions and solving equations, and linear functions and inequalities.</p> <p><i>Prerequisite: C or better in MAT 082 or MAT 080 or multiple measures placement.</i></p>                                                                                                                                                                                              |                                                         |                    |
| <b>MAT 099</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>INDIVIDUALIZED PREPARATION IN DEVELOPMENTAL MATH</b> | <b>1-4 CREDITS</b> |
| <p>Students in this developmental math course will learn math on-line or using an alternate delivery system. Course objectives and grading requirements will be tailored to the needs of each individual student. A student can only register for this course with the permission of a math faculty advisor.</p> <p><i>Prerequisite: Students must be able to operate a computer and access the Internet.</i></p>                                                                                                                                                                                                    |                                                         |                    |

## MATHEMATICS (CONTINUED)

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------|
| <b>MAT 100</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>OCCUPATIONAL MATHEMATICS</b>                    | <b>3 CREDITS</b> |
| <p>Students review the four fundamental operations on whole numbers, fractions, and decimals, and work to develop problem-solving skills. Students also study issues related to measurement, converting between units of measurement, estimation, proportional reasoning, applied algebra, constructive geometry, and right triangle trigonometry. The mathematical topics will be covered through application to the content in the HVA and other career programs.</p> <p><b>Prerequisite:</b> <i>C or better in MAT 082 or MAT 080 (formerly known as MAT 090) or multiple measures placement.</i></p>                                                                                                                          |                                                    |                  |
| <b>MAT 102</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>GENERAL EDUCATION MATHEMATICS (IAI: M1 904)</b> | <b>4 CREDITS</b> |
| <p>This course is designed primarily for students who are not pursuing careers in mathematics, science and business. Students planning to study mathematics, science or business should take MAT 105 followed by general education course(s) at the upper level. Students develop essential mathematical competencies needed for participation in our modern world by studying topics such as critical thinking skills, sets, probability, statistics, and the mathematics of finance. This course applies to the IAI General Education Core Curriculum Mathematics package.</p> <p><b>Prerequisite:</b> <i>Successful completion of MAT 085 or MAT 095 or Math Placement Test. Corequisite: MAT 096.</i></p>                     |                                                    |                  |
| <b>MAT 105</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>COLLEGE ALGEBRA</b>                             | <b>4 CREDITS</b> |
| <p>This course prepares students to study more advanced mathematics. Topics include the real number system, polynomials, inequalities, and exponential, logarithmic and rational functions. It also covers conic sections, determinants, sequences and series and the binomial theorem. To qualify for this course, students must demonstrate competence in both algebra and geometry. Lecture four hours per week.</p> <p><b>Prerequisite:</b> <i>Satisfactory completion of MAT 086 or MAT 095 or qualifying score on Mathematics Test; AND satisfactory completion of MAT 092 or Geometry Proficiency Test or two semesters of high school geometry or equivalent with a grade of "C" or better. Corequisite: MAT 097.</i></p> |                                                    |                  |
| <b>MAT 110</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>COLLEGE TRIGONOMETRY</b>                        | <b>3 CREDITS</b> |
| <p>The trigonometric functions of real numbers are studied with emphasis on the use of the rectangular coordinate system to define functions and to establish their properties. The graphs of the functions are studied to illustrate inverse relationships, periodicity, domain and range. Other topics include solution of triangles, proof of identities, trigonometric equations, polar coordinates and trigonometric form of complex numbers. Lecture three hours per week.</p> <p><b>Prerequisite:</b> <i>Completion or concurrent registration in MAT 105 or qualifying score on Math Placement Test.</i></p>                                                                                                              |                                                    |                  |

## MATHEMATICS (CONTINUED)

### **MAT 120      MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS I      4 CREDITS**

Students develop the mathematical background they will need as elementary school teachers. Topics include: sets, number systems, operations with integers and rational numbers, elementary number theory, and problem solving. The focus is on explaining how to solve problems rather than just providing an answer. Successful completion of MAT 082 with an A or MAT 085 or MAT 095 or qualifying score on Mathematics Placement Test; and successful completion of MAT 092 or qualifying score on Geometry Proficiency Test or two semesters of high school geometry or equivalent with a grade of "C" or better. Successful completion of ENG 084 or qualifying score on the English Placement Test.

### **MAT 121      MATHEMATICS FOR ELEMENTARY SCHOOL TEACHERS II      4 CREDITS** **(IAI: M1 903)**

Students will continue to develop the theoretical understanding of elementary school mathematics they will need as teachers. Students will explore ratios, topics in data analysis and statistics, uncertainty and probability, geometry (including transformations), and develop proportional reasoning skills. In the spirit of MAT 120, the focus continues to be on making sense of the concepts, student explanations utilizing multiple representations, careful reasoning, justification for all answers, and developing the habits of mind to support a lifelong learning of mathematics. This course applies to the IAI General Education Core Curriculum Mathematics package.

***Prerequisite:*** Grade "C" or better in MAT 120.

### **MAT 124      FINITE MATHEMATICS (IAI: M1 906)      4 CREDITS**

For students in business, economics and the social sciences, this course emphasizes concepts and applications of mathematics to business problems. Topics include algebra, sets, probability, matrices, linear programming, finance and linear models. Lecture four hours per week. This course applies to the IAI General Education Core Curriculum Mathematics package.

***Prerequisite:*** Grade of "C" or better in MAT 105 or Math Placement Test.

### **MAT 141      STATISTICS (IAI: BUS 901, M1 902)      4 CREDITS**

Students investigate elementary descriptive and inferential statistical methods: graphs, averages, measures of dispersion, probability, tables, probability and sampling distributions, confidence intervals, hypothesis testing, analysis of variance and simple linear correlation. The course also provides the students opportunities to use computers to solve problems. Lecture four hours per week. (1) This course applies to the IAI General Education Core Curriculum Mathematics Package. (2) This course applies to one or more IAI majors. See a Student Success Coach for details.

***Prerequisite:*** MAT 095 or MAT 086 or Corequisite MAT 098 or qualifying placement. See college placement policy in catalog. ***Prerequisite*** MAT 102 or MAT 105. ***Corequisite:*** MAT 098.

## MATHEMATICS (CONTINUED)

- MAT 150**      **PRE-CALCULUS WITH TRIGONOMETRY**      **5 CREDITS**
- This is a one semester course designed to prepare students to take Calculus. Topics include: linear, polynomial, radical, rational, exponential, logarithmic, and trigonometric functions. As well as, composition of and inverse functions.
- Prerequisite: MAT 097 or Multiple Measures Placement.*
- 
- MAT 181**      **DISCRETE MATHEMATICS (IAI: MI 905)**      **3 CREDITS**
- This course introduces students to topics that develop reasoning skills and provide a foundation for further study in computer technology or mathematics. These topics include: Boolean logic, elementary number theory, methods of proof, induction, recursion, sets, combinatorial techniques, functions, graphs and trees. Applications to digital circuits and computer algorithms will be discussed. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Mathematics package.
- Prerequisite: MAT 105 with a minimum grade of "C" or Math Placement Test.*
- 
- MAT 201**      **CALCULUS I (IAI: M1 900-1)**      **5 CREDITS**
- This course is a complete presentation of calculus with some applications, designed primarily for students preparing to study mathematics, computer science, engineering or physical sciences. Topics include theory and computation of limits, differentiation and an introduction to integration. Students will need to be familiar with many families of functions, including trigonometric, exponential and logarithmic functions. A prior course in trigonometry is required. This course applies to the IAI General Education Core Curriculum Mathematics package.
- Prerequisite: Grade of "C" or better in both MAT 105 and MAT 110 or MAT 150.*
- 
- MAT 202**      **CALCULUS II (IAI: M1 900-2)**      **5 CREDITS**
- This course, which continues from MAT 201, is a complete presentation of calculus with some applications, designed primarily for students preparing to study mathematics, computer science, engineering or physical sciences. Students focus on applications of the definite integral, methods of integration, plane analytic geometry, hyperbolic functions and infinite series. Study also includes an introduction to polar coordinates and parametric equations. This course applies to the IAI General Education Core Curriculum Mathematics package.
- Prerequisite: Grade of "C" or better in MAT 201.*
- 
- MAT 203**      **CALCULUS III (IAI: M1 900-3)**      **4 CREDITS**
- This course extends to three dimensions the concepts learned in earlier math courses. Students will learn to work with algebraic and geometric descriptions of lines, planes and surfaces along with vectors and curvature. Partial differentiation and its applications and integrals involving two or more variables and their applications are examined. Selected topics from vector calculus may be included. This course applies to the IAI General Education Core Curriculum Mathematics package.
- Prerequisite: Grade of "C" or better in MAT 202.*

## MATHEMATICS (CONTINUED)

### **MAT 215      DIFFERENTIAL EQUATIONS      3 CREDITS**

Students explore the methods of solving ordinary differential equations and related applications. Topics include various methods of solving first order differential equations, linear equations of higher order, systems of differential equations, elementary numerical methods and Laplace transforms.

*Prerequisite: Grade of "C" or better in MAT 202 or permission of instructor.*

### **MAT 224      CALCULUS FOR BUSINESS AND SOCIAL SCIENCE      4 CREDITS** **(IAI: M1 900-B)**

This course, designed for students in business, economics, biological sciences and social sciences, covers the concepts of function, limit, differentiation and integration. The main focus of the course is on applications of these concepts, rather than on the comprehensive treatment of the mathematics provided by MAT 201. Knowledge of trigonometry is not required. Students develop problem solving skills and use technology, where appropriate, to make sense of situations using calculus concepts. This course applies to the IAI General Education Core Curriculum Mathematics package.

*Prerequisite: Grade of "C" or better in MAT 105 or MAT 150.*

## ■ MUSIC

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### **MUS 100      MUSIC APPRECIATION (IAI: F1 900)      3 CREDITS**

This course covers music and composers from ancient to modern times with emphasis on the Baroque (Bach and Handel), Classical (Haydn, Mozart and Beethoven), Romantic (Schubert, Schumann, Mendelssohn) and 20th Century (Stravinsky and Hindemith). The course demonstrates music as it has developed in Western Civilization. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

### **MUS 101      HISTORY OF MUSIC: PRE-TWENTIETH CENTURY (IAI: F1 901)      3 CREDITS**

Pre-20th Century music covers the historical development of Western music, including various musical styles and periods, and the contributions of key composers, conductors and performers in shaping Western musical traditions. This course emphasizes concepts, structure, musical idioms and aesthetics. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

### **MUS 102      HISTORY OF MUSIC: TWENTIETH CENTURY (IAI: F2 902)      3 CREDITS**

Students explore history, materials, composers and works that have developed from around the 1890s to date. The course emphasizes the relationship of today's music to significant directions of style and thought. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

### **MUS 103      MUSIC OF MULTICULTURAL AMERICA (IAI: F1 905D)      3 CREDITS**

Music of Multicultural America is a survey of various ethnic musical traditions as threads of influences on contemporary American musical culture. Selected African, Asian and European music is traced from its origins through its continuing role in shaping a pluralistic American culture. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

## MUSIC (CONTINUED)

- MUS 106      TRENDS IN MODERN AMERICAN MUSIC (IAI: F1 904)      3 CREDITS**  
This course traces the development of twentieth-century American popular music from its roots in American folk music, blues and Tin Pan Alley through the inception of Jazz and late-twentieth-century popular movements. It includes Rock and Roll, Motown, the British Invasion, 1960's folk, heavy metal, hip-hop, punk rock and other defining genres. Students will learn about artist's styles and musical characteristics through listening exams, group discussion, research papers and tests.
- MUS 108      WORLD MUSIC SURVEY (IAI: F1 903N)      3 CREDITS**  
Students explore music in the context of eight representative cultures: Native American, African, Afro-American, Japanese, Indian, Indonesian, Latin American and peasant cultures of Eastern Europe. Students study a variety of musical expressions and their cultural roots. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- MUS 110      MUSIC THEORY I      3 CREDITS**  
Students study scales, intervals, triads and their inversions; musical terms and forms; tonality and rhythm; and relation of harmonic devices to musical language. Lecture and laboratory three hours per week.  
*Corequisite: MUS 112 and MUS 115.*
- MUS 111      MUSIC THEORY II      3 CREDITS**  
A continuation of MUS 110, this course focuses on the second inversion of triads, cadences, dominant seventh chords and other seventh chords. It stresses rhythmic implication of material and analysis of masterworks. Lecture and lab three hours per week.  
*Prerequisite: MUS 110.*
- MUS 112      KEYBOARD MUSICIANSHIP 1      1 CREDIT**  
Keyboard realization of the materials presented in MUS 110. Emphasis is on major and minor scales, harmonization, modulation and transposition. Required of all students enrolled in MUS 110. Students will work in both a collaborative environment and independently for a portion of the class.  
*Corequisite: MUS 110 and MUS 115. Lab three times per week.*  
*Consent of Instructor: Students may be exempted from this course with the instructor's signature.*
- MUS 115      EAR TRAINING AND SIGHT SINGING I      3 CREDITS**  
This course covers simple interval recognition; dictation of triads; singing intervals and simple melodies and recognizing and performing simple rhythm units. Lecture and lab two hours per week.  
*Corequisite: MUS 110 and MUS 112.*

## MUSIC (CONTINUED)

### MUS 116      **EAR TRAINING AND SIGHT SINGING II**      **3 CREDITS**

This course is a continuation of MUS 115. Lecture and lab two hours per week.

**Prerequisite:** MUS 110, MUS 115 with concurrent enrollment in MUS 111.

### MUS 117      **KEYBOARD MUSICIANSHIP II 1 CREDIT**

Keyboard realization of the materials presented in MUS 115. Emphasis is on combining the left and right hand to perform major scales, minor scales and arpeggios. Students will also begin the process of harmonizing basic melodies. Required of all students enrolled in MUS 115.

**Prerequisite:** MUS 110 MUS 115. **Corequisite:** MUS 111 MUS 116. **Consent of Instructor:** These prerequisites may be waived with the instructor's signature. Lab three times per week.

### MUS 121      **COLLEGE CHOIR**      **1 CREDIT**

College choir is a performance activity open to all students. The choir may vary from semester to semester and may include traditional or pop style music. It may be taken four times for college credit. Meets three hours weekly for rehearsal.

**Prerequisite:** Vocal proficiency.

### MUS 122      **COLLEGE SINGERS I**      **1 CREDIT**

This vocal ensemble performs a wide variety of vocal chamber music from all periods. Open by audition to members of the College Choir or Community Chorus. It may be taken four times for college credit.

**Prerequisite:** Vocal proficiency.

### MUS 123      **POPULAR MUSIC ENSEMBLE I**      **1 CREDIT**

The emphasis of this ensemble will be on popular styles of American music, including jazz, rock, blues, R&B and more. Repertoire will be chosen according to members of the ensemble. May be taken four times for college credit.

**Prerequisite:** Instrumental proficiency.

### MUS 127      **COMMUNITY CHORUS**      **1 CREDIT**

A choir of students and community singers perform major works and lighter music in frequent concerts. It is open to students, staff and community residents. May be taken four times for college credit. Meets two hours weekly for rehearsal.

**Prerequisite:** Vocal proficiency.

### MUS 128      **SYMPHONIC ORCHESTRA I**      **1 CREDIT**

An orchestra of students and community musicians perform a wide variety of music, including choral-orchestral works performed in cooperation with the Community Chorus. Open to students, staff and community residents. May be taken four times for college credit. Meets three hours weekly for rehearsal.

**Prerequisite:** Instrumental proficiency.

## MUSIC (CONTINUED)

### MUS 129 CONCERT BAND I

1 CREDIT

This course is open to students and community musicians proficient in playing instruments. Participants become familiar with the problems and techniques of performing music in the repertoire of the standard concert band. Performances include concerts and cooperative works with the College's Community Chorus. Audition is not required. May be taken four times for college credit.

*Prerequisite: Instrumental proficiency.*

### MUS 130,160, PRIVATE APPLIED PIANO MUSIC MAJOR I, II, III, IV 230,260

2 CREDITS

This course is intended for students who would like to major in music, or for those who are serious about improving their skills in piano. Students receive one hour of private instruction in piano per week for 16 weeks. Students will be expected to practice a minimum of ten hours per week in addition to their lesson time. The student will study a variety of appropriate exercises and solo repertoire commensurate with their skill level, and will be expected to perform a jury examination as their final exam. First time students should enroll in MUS 130 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week; lab ten hours per week.

### MUS 131,161, PRIVATE APPLIED PIANO MUSIC MAJOR I, II, III, IV 231,261

1 CREDIT

This course is intended for students who would like to study piano for personal enrichment. Students receive a half-hour of private instruction in piano per week for 16 weeks. Students will study a variety of appropriate exercises and solo repertoire, and will be expected to perform a jury examination as their final exam. Students will be expected to practice a minimum of five hours per week in addition to their lesson time. First time students should enroll in MUS 131 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week; lab five hours per week.

### MUS 132,162, PRIVATE APPLIED VOICE MUSIC MAJOR I, II, III, IV 232,262

2 CREDITS

This course is intended for students who would like to major in music, or for those who are serious about improving their skills in voice. Students receive one hour of private instruction in voice per week for 16 weeks. Students will be expected to practice a minimum of ten hours per week in addition to their lesson time. The student will study a variety of appropriate exercises and solo repertoire commensurate with their skill level, and will be expected to perform a jury examination as their final exam. First time students should enroll in MUS 132 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week, lab ten hours per week.

## **MUSIC (CONTINUED)**

### **MUS 133,163, PRIVATE APPLIED VOICE MUSIC NON-MAJOR I, II, III, IV 233,263**

**1 CREDIT**

This course is intended for students who would like to study voice for personal enrichment. Students receive a half-hour of private instruction in voice per week for 16 weeks. Students will study a variety of appropriate exercises and solo repertoire, and will be expected to perform a jury examination as their final exam. Students will be expected to practice a minimum of five hours per week in addition to their lesson time. First time students should enroll in MUS 133 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week, lab five hours per week.

### **MUS 134,164, PRIVATE APPLIED GUITAR MUSIC MAJOR I, II, III, IV 234,264**

**2 CREDITS**

This course is intended for students who would like to major in music, or for those who are serious about improving their skills in guitar. Students receive one hour of private instruction in guitar per week for 16 weeks. Students will be expected to practice a minimum of ten hours per week in addition to their lesson time. The student will study a variety of appropriate exercises and solo repertoire commensurate with their skill level, and will be expected to perform a jury examination as their final exam. First time students should enroll in MUS 134 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour, lab ten hours per week.

### **MUS 135,165, PRIVATE APPLIED GUITAR MUSIC NON-MAJOR I, II, III, IV 235,265**

**1 CREDIT**

This course is intended for students who would like to study guitar for personal enrichment. Students receive a half-hour of private instruction in guitar per week for 16 weeks. Students will study a variety of appropriate exercises and solo repertoire, and will be expected to perform a jury examination as their final exam. Students will be expected to practice a minimum of five hours per week in addition to their lesson time. First time students should enroll in MUS 135 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week, lab five hours per week.

### **MUS 136,166, PRIVATE APPLIED PERCUSSION MUSIC MAJOR I, II, III, IV 236,266**

**2 CREDITS**

This course is intended for students who would like to major in music, or for those who are serious about improving their skills on a percussion instrument. Students receive one hour of private instruction in percussion per week for 16 weeks. Students will be expected to practice a minimum of ten hours per week in addition to their lesson time. The student will study a variety of appropriate exercises and solo repertoire commensurate with their skill level, and will be expected to perform a jury examination as their final exam. First time students should enroll in MUS 136 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour, lab ten hours per week.

## **MUSIC (CONTINUED)**

### **MUS 137,167, PRIVATE APPLIED PERCUSSION MUSIC NON-MAJOR I, II, III, IV      1 CREDIT** **237,267**

This course is intended for students who would like to study percussion for personal enrichment. Students receive a half-hour of private instruction on a percussion instrument per week for 16 weeks. Students will study a variety of appropriate exercises and solo repertoire, and will be expected to perform a jury examination as their final exam. Students will be expected to practice a minimum of five hours per week in addition to their lesson time. First time students should enroll in MUS 137 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week, lab five hours per week.

### **MUS 138,168 PRIVATE APPLIED STRINGS MUSIC MAJOR I, II, III, IV      2 CREDITS** **238,268**

This course is intended for students who would like to major in music, or for those who are serious about improving their skills on violin, viola, cello or string bass. Students receive one hour of private instruction on violin, viola, cello or string bass per week for 16 weeks. Students will be expected to practice a minimum of ten hours per week in addition to their lesson time. The student will study a variety of appropriate exercises and solo repertoire commensurate with their skill level, and will be expected to perform a jury examination as their final exam. First time students should enroll in MUS 138 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour, lab ten hours per week.

### **MUS 139,169 PRIVATE APPLIED STRINGS MUSIC NON-MAJOR I, II, III, IV      1 CREDIT** **239,269**

This course is intended for students who would like to study violin, viola, cello or string bass for personal enrichment. Students receive a half-hour of private instruction on a string instrument per week for 16 weeks. Students will study a variety of appropriate exercises and solo repertoire, and will be expected to perform a jury examination as their final exam. Students will be expected to practice a minimum of five hours per week in addition to their lesson time. First time students should enroll in MUS 139 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency.

### **MUS 140,170 PRIVATE APPLIED WOODWIND MUSIC MAJOR I, II, III, IV      2 CREDITS** **240,270**

This course is intended for students who would like to major in music, or for those who are serious about improving their skills on a woodwind instrument. Students receive one hour of private instruction on a woodwind instrument per week for 16 weeks. Students will be expected to practice a minimum of ten hours per week in addition to their lesson time. The student will study a variety of appropriate exercises and solo repertoire commensurate with their skill level, and will be expected to perform a jury examination as their final exam. First time students should enroll in MUS 140 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour, lab ten hours per week.

## **MUSIC (CONTINUED)**

### **MUS 141,171 PRIVATE APPLIED WOODWIND MUSIC NON-MAJOR I, II, III, IV 1 CREDIT 241,271**

This course is intended for students who would like to study violin, viola, cello or string bass for personal enrichment. Students receive a half-hour of private instruction on a string instrument per week for 16 weeks. Students will study a variety of appropriate exercises and solo repertoire, and will be expected to perform a jury examination as their final exam. Students will be expected to practice a minimum of five hours per week in addition to their lesson time. First time students should enroll in MUS 141 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week, lab five hours per week.

### **MUS 142,172 PRIVATE APPLIED BRASS MUSIC MAJOR I, II, III, IV 2 CREDITS 242,272**

This course is intended for students who would like to major in music, or for those who are serious about improving their skills in trumpet, French horn, trombone, baritone, euphonium or tuba. Students receive one hour of private instruction on a brass instrument per week for 16 weeks. Students will be expected to practice a minimum of ten hours per week in addition to their lesson time. The student will study a variety of appropriate exercises and solo repertoire commensurate with their skill level, and will be expected to perform a jury examination as their final exam. First time students should enroll in MUS 142 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour, lab ten hours per week.

### **MUS 143,173 PRIVATE APPLIED BRASS MUSIC NON-MAJOR I, II, III, IV 1 CREDIT 243,273**

This course is intended for students who would like to study trumpet, French horn, trombone, baritone, euphonium or tuba for personal enrichment. Students receive a half-hour of private instruction on a brass instrument per week for 16 weeks. Students will study a variety of appropriate exercises and solo repertoire, and will be expected to perform a jury examination as their final exam. Students will be expected to practice a minimum of five hours per week in addition to their lesson time. First time students should enroll in MUS 143 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. Lecture one hour per week, lab five hours per week.

### **MUS 152,222, COLLEGE SINGERS II, III, IV 1 CREDIT 252**

This choir performs a wide variety of choral music, including classical works, jazz, Broadway and holiday selections. This ensemble performs several concerts every year in various venues. First time students should enroll in MUS 122 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. This course may also be taken for non-credit. Lab three time per week.

## **MUSIC (CONTINUED)**

### **MUS 153,223, POPULAR ENSEMBLE II, III, IV 253**

**1 CREDIT**

The emphasis of this ensemble will be on popular styles of American music, including jazz, rock, blues, R&B, and more. Repertoire will be chosen according to members of the ensemble. This ensemble performs several concerts every year in various venues. First time students should enroll in MUS 123 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. This course may also be taken for non-credit. Lab three times per week.

### **MUS 158,228, SYMPHONY ORCHESTRA II, III, IV 258**

**1 CREDIT**

This ensemble is comprised of both students and community musicians, and performs a wide variety of orchestral works. This course is open to anyone interested in learning to play a string instrument in an orchestral setting. First time students should enroll in MUS 128 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. This course may also be taken for non-credit. Lab three times per week.

### **MUS 159,229, CONCERT BAND II, III, IV 259**

**1 CREDIT**

This ensemble provides experience in performing concert band repertoire. This ensemble is open to anyone interested in learning to play a concert band instrument in an ensemble setting. First time students should enroll in MUS 129 and enroll in the next numbered course in subsequent semesters, with each numbered course corresponding to a level of technical fluency. This course may also be taken for non-credit. Lab three times per week.

### **MUS 160 PRIVATE APPLIED PIANO MUSIC MAJOR II**

**1 CREDIT**

Students prepare for future private lesson instruction in this introductory course. Beginning piano students study keyboard skills, general musicianship, sight-reading and piano literature. Enrollment is open to both music majors and nonmajors. Lecture one hour, laboratory one hour per week.

### **MUS 180 INTRODUCTION TO MEDIA PRODUCTION**

**3 CREDITS**

This lecture/demonstration course introduces students to the language and theories common to all fields in which audio is used. Classes make use of a wide assortment of audio synthesis, processing and analysis tools to illustrate different topics and concepts. Topics include an introduction to sound and hearing, analog and digital audio signals, and audio systems theory.

### **MUS 181 MEDIA PRODUCTION I**

**3 CREDITS**

Course introduces students to basic theories and techniques of recording, editing, and mixing. Instruction covers fundamentals of microphone usage, mixing console operation, and non-linear digital recording and editing. Course is taught in a classroom laboratory where lectures focus on the production of short-form audio works of voice, music, and sound effects to develop and improve engineering and production skills.

## MUSIC (CONTINUED)

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| <b>MUS 182</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>MEDIA PRODUCTION II</b>                | <b>3 CREDITS</b> |
| <p>This course provides students with a solid foundation in working with digital audio workstations. Students gain experience with fundamental practices in digital audio production, including editing, signal processing, automation, mixing, and preparing audio deliverables. Students develop refined listening, evaluation, and judgment abilities. Students adopt techniques and strategies for organizing and managing sessions, developing effective communication and presentation skills, and acquiring a sense of professionalism in the field.</p> |                                           |                  |
| <b>MUS 210</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>MUSIC THEORY 3</b>                     | <b>3 CREDITS</b> |
| <p>This course continues MUS 111 with emphasis on Neapolitan sixth, augmented sixth and other altered chords. Lecture and lab three hours per week.</p> <p><i>Prerequisite: MUS 110 and MUS 111.</i></p>                                                                                                                                                                                                                                                                                                                                                        |                                           |                  |
| <b>MUS 211</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>MUSIC THEORY 4</b>                     | <b>3 CREDITS</b> |
| <p>A continuation of MUS 210, this course emphasizes ninth, 11th and 13th chords. It studies 20th Century techniques, including analysis of works by Hindemith, Schoenberg and other modern composers. Lecture and lab three hours per week.</p> <p><i>Prerequisite: MUS 210.</i></p>                                                                                                                                                                                                                                                                           |                                           |                  |
| <b>MUS 212</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>KEYBOARD MUSICIANSHIP III</b>          | <b>1 CREDIT</b>  |
| <p>Keyboard realization of the materials presented in MUS 210. Emphasis is on playing chord progressions in multiple keys. Students will also continue to master more difficult major and minor scales, perform more challenging arpeggios and harmonize more complex melodies. Required of all students enrolled in MUS 210.</p> <p><i>Prerequisite: MUS 111, MUS 116; corequisite MUS 210 and MUS 215 or consent of instructor –Students may be exempted from this course with consent of instructor.</i></p>                                                 |                                           |                  |
| <b>MUS 215</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>EAR TRAINING AND SIGHT SINGING III</b> | <b>1 CREDIT</b>  |
| <p>This course includes advanced interval recognition and dictation, both melodic and harmonic, advanced dictation in triads and seventh chords and identification of compound rhythmic units. Laboratory two hours per week.</p> <p><i>Prerequisite: MUS 110, MUS 111, MUS 116 with concurrent enrollment in MUS 210.</i></p>                                                                                                                                                                                                                                  |                                           |                  |
| <b>MUS 216</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>EAR TRAINING AND SIGHT SINGING IV</b>  | <b>1 CREDITS</b> |
| <p>This course is a continuation of MUS 215. Laboratory three hours per week.</p> <p><i>Prerequisite: MUS 210 and MUS 215 with concurrent enrollment in MUS 211.</i></p>                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                  |

## MUSIC (CONTINUED)

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| <b>MUS 217</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>KEYBOARD MUSICIANSHIP IV</b>    | <b>1 CREDIT</b>    |
| <p>Keyboard realization of the materials presented in MUS 215. Emphasis is on more rapid execution of all keyboarding skills in preparation for a keyboarding proficiency examination. Required of all students enrolled in MUS 215. Lab/studio three hours per week.</p> <p><i>Prerequisite: MUS 210 and MUS 215; corequisite MUS 211, MUS 216 or consent of instructor – Students may be exempted from this course with instructor's signature.</i></p> |                                    |                    |
| <b>MUS 280</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>MUSIC PRODUCTION FOR MEDIA</b>  | <b>3 CREDITS</b>   |
| <p>This course covers acquisition of audio for video and automated dialogue replacement techniques (ADR). This course provides an overview of audio editing with multiple types of non-linear software, and includes a discussion of balancing volume in video production.</p>                                                                                                                                                                            |                                    |                    |
| <b>MUS 281</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>LIVE SOUND RECORDING</b>        | <b>3 CREDITS</b>   |
| <p>This course focuses on recording music both within a studio and on location. This course compares and contrasts music recording techniques for popular music and classical music and acoustics of different environments. The course also covers vintage audio equipment.</p>                                                                                                                                                                          |                                    |                    |
| <b>MUS 282</b>                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>MUSIC PRODUCTION INTERNSHIP</b> | <b>1-4 CREDITS</b> |
| <p>The Audio Production Internship provides students with the opportunity to gain real-life experience working in professional music production and technology situations.</p>                                                                                                                                                                                                                                                                            |                                    |                    |

## ■ NURSING

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| <b>NUR 105</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>BASIC NURSING ASSISTANT TRAINING</b> | <b>7 CREDITS</b> |
| <p>This course is designed to provide the student with the knowledge and skills necessary to perform basic care services for a patient (acute care setting) or resident (long-term care setting). It prepares the student to function in the role of nursing assistant under the supervision of a Registered Nurse (RN) or Licensed Practical Nurse (LPN). This course is designed to meet the curriculum requirements of the Illinois Department of Public Health (IDPH). The basic nursing assistant proficiency examination is the State-approved competency evaluation, with both written and manual skills components. The course requires the student to complete 93 hours of classroom lecture, perform 40 hours in a clinical setting, and successfully demonstrate 21 manual patient/resident care skills. Satisfactory completion of the course provides eligibility to take the IDPH established competency written examination for State certification as a certified nursing assistant. Lecture/Demonstration 7 hours per week; lab/studio three hours per week.</p> <p><i>Prerequisite: Placement Testing scores of 242 or higher for English/Reading with two (2) attempts at Passing. Must be 16 years of age.</i></p> |                                         |                  |

## **NURSING (CONTINUED)**

- NUR 107      FOUNDATIONS OF NURSING PRACTICE I      4 CREDITS**  
This course focuses on foundational aspects of care necessary for safe, compassionate, patient-centered nursing care for a diverse patient population with well-defined healthcare concerns. The course offers an introduction to foundational concepts related to professional practice such as legal and ethical responsibilities of the Registered Nurse. The student also uses clinical judgment applied to nursing practice. Select nursing skills are taught in the skills laboratory; theory, patient care skills, and clinical judgment are applied in the simulation laboratory and various clinical settings.
- NUR 108      FOUNDATIONS OF NURSING PRACTICE II      5 CREDITS**  
This is a continuation of foundational aspects of care necessary for safe, compassionate, patient-centered nursing care for a diverse patient population with well-defined healthcare concerns with a focus on the geriatric patient. The student uses clinical judgment applied to nursing practice. Select nursing skills are taught in the skills laboratory; theory, patient care skills, and clinical judgment are applied in the simulation laboratory and various clinical settings.  
*Lab Prerequisite: Successful completion of NUR 107.*
- NUR 110      CLINICAL JUDGEMENT IN NURSING      2 CREDITS**  
This course introduces clinical judgment through a focused study of critical thinking skills and strategies used by the Registered Nurse. The student applies critical thinking skills and strategies at the RN level that underscore the clinical judgment needed to use the nursing process as well as deal with aspects of the healthcare system for safe practice in the current healthcare environment. This course provides the foundation for the thinking processes applied throughout all nursing courses.
- NUR 115      OBSTETRICS AND PEDIATRIC NURSING      5 CREDITS**  
This course expands nursing care theory and practice to the care of the reproducing family, the neonate, and children. Application of new and previously theory, patient care skills, and clinical judgment occurs in the simulation laboratory and a variety of clinical settings.
- NUR 119      NURSING CARE OF ADULTS I      4 CREDITS**  
This course builds on and applies nursing theory learned in semester 1 to the acquisition and application of adult nursing theory in the care of diverse adult patients with acute and chronic health conditions. Application of knowledge, patient care skills, and clinical judgment occurs in the simulation laboratory and a variety of clinical settings.
- NUR 201      LPN TO ADN TRANSITION BRIDGE      8 CREDITS**  
This course is for LPNs matriculating into the program under advanced standing status. This course is designed to validate and build on the student's prior learning related to the content taught in the first two semesters of the ADN program, preparing the student for entry into the third semester of the AD nursing program. This course also focuses on the differences between the RN and LPN scope of practice.

## **NURSING (CONTINUED)**

### **NUR 202      MENTAL HEALTH NURSING**

**4 CREDITS**

This course builds on and applies nursing theory learned in semester 1 to the acquisition and application of adult nursing theory in the care of diverse adult patients with acute and chronic health conditions. Application of knowledge, patient care skills, and clinical judgement occurs in the simulation laboratory and a variety of clinical settings. 3 Lecture, 1 Lab community. Lab 2.5 hours per week.

### **NUR 219      NURSING CARE OF ADULTS II**

**5 CREDITS**

This course is a continuation of Nursing Care of Adult I. This course builds on and applies adult nursing theory to the care of diverse adult patients with acute and chronic health conditions. Application of knowledge, patient care skills, and clinical judgment occurs in simulation, laboratory, and a variety of clinical settings.

### **NUR 220      NURSING CARE OF COMPLEX PATIENTS**

**7 CREDITS**

This culminating course expands on the theory of nursing practice for application to caring for a variety of adult patients with complex healthcare needs. Application of knowledge, patient care, skills and clinical judgment occurs in simulation laboratory and a variety of clinical settings.

### **NUR 224      TRANSITION TO RN PRACTICE**

**3 CREDITS**

This advanced comprehensive course provides a synthesis of all nursing concepts and content taught throughout the program. This course enables the individual student to recognize areas that need enhancement prior to entering Registered Nursing practice and includes a review for the NCLEX-RN with strategies for success.

## **■ OFFICE MANAGEMENT TECHNOLOGY**

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### **OMT 102      KEYBOARDING AND DOCUMENT PROCESSING**

**2 CREDITS**

Students develop keyboarding speed and accuracy while learning how to format and produce professional business documents.

### **OMT 127      ELECTRONIC RECORDKEEPING**

**3 CREDITS**

This course introduces students to the fundamentals of electronic records management. Students will learn about electronic record history and concerns; life cycle of electronic content; ARMA filing rules; image records; safety and security; and electronic recordkeeping software. Lecture three hours per week.

***Prerequisite: OMT 102 or OMT 140 or concurrent enrollment.***

### **OMT 129      THE DIGITAL WORKPLACE**

**3 CREDITS**

Technology has become a part of our everyday lives. Understanding how to use computers and the Internet for business is critical today. This course prepares you to become more effective with technology in the three key areas: fundamentals of computers and mobile devices; common functions of various office productivity software; and basics of the Internet or networked environments. This course also prepares students for IC3 certification.

## OFFICE MANAGEMENT TECHNOLOGY (CONTINUED)

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|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>OMT 131</b> | <b>INTRODUCTION TO WINDOWS</b><br>This course is an introduction to the Windows operating system. Students will gain the knowledge, skills and ability to use Microsoft Windows to access and manage files, applications, tools, and other accessories. Lecture one hour per week.                                                                                                      | <b>1 CREDIT</b>  |
| <b>OMT 140</b> | <b>OFFICE ORIENTATION</b><br>An introduction to OMT course expectations and strategies to work successfully in an office setting. Students acquire knowledge and skills to write a resume; get and keep a job; work with various office equipment and software; perform general office procedures; and work with others. Lecture three hours per week.                                  | <b>3 CREDITS</b> |
| <b>OMT 153</b> | <b>SOCIAL MEDIA MARKETING TECHNOLOGIES</b><br>This course introduces social media and digital marketing tools and platforms to attract, inform, engage, and persuade an audience. Students will create, track, and manage content across various social media platforms.                                                                                                                | <b>3 CREDITS</b> |
| <b>OMT 156</b> | <b>WEBSITE BUILDING AND ANALYSIS</b><br>This course guides participants through creating and maintaining a ready-to-go website with rich content for professional or personal use. Students will create a website on a leading cloudbased platform and analyze traffic trends and patterns to enhance user engagement.                                                                  | <b>3 CREDITS</b> |
| <b>OMT 206</b> | <b>PRESENTATION SOFTWARE FUNDAMENTALS</b><br>This course introduces presentation software to participants who wish to produce presentations for coursework, professional purposes, and personal use. Topics covered include creating and delivering presentations using images, charts, media, and animation.                                                                           | <b>1 CREDIT</b>  |
| <b>OMT 207</b> | <b>PRESENTATION SOFTWARE ADVANCED</b><br>A continuation of the OMT 206 for participants who wish to learn advanced capabilities of presentation software. Topics covered include customizing templates and masters; linking to files; manipulating graphics and animations; narrating presentations; creating photo albums, and publishing to the web.<br><i>Prerequisite: OMT 206.</i> | <b>2 CREDITS</b> |
| <b>OMT 210</b> | <b>WORD PROCESSING SOFTWARE FUNDAMENTALS</b><br>This course introduces word processing software to participants who wish to produce professional documents for coursework, business, and personal use. Topics covered include creating and formatting documents with graphics, tables, and references. Lecture two hours per week.                                                      | <b>1 CREDIT</b>  |
| <b>OMT 211</b> | <b>WORD PROCESSING SOFTWARE ADVANCED</b><br>A continuation of OMT 210 for participants who wish to learn advanced capabilities of word processing software. Topics covered include templates, form letters, online forms, graphics and design, macros, and document collaboration. Lecture two hours per week.<br><i>Prerequisite: OMT 210.</i>                                         | <b>2 CREDITS</b> |

## OFFICE MANAGEMENT TECHNOLOGY (CONTINUED)

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|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>OMT 214</b> | <b>OFFICE SUPERVISION</b><br>This course emphasizes the skills students need to meet the challenges of the modern office and its relationship to global business activity. Students learn essential skills to work in a range of jobs - from administrative assistant to office manager. Topics covered include professional office responsibilities, workplace behavior, personal finance, and communication technology.<br><i>Prerequisite: OMT 140 or equivalent.</i>                                                                                                                                                                                                      | <b>3 CREDITS</b> |
| <b>OMT 215</b> | <b>MEDICAL OFFICE PRACTICES</b><br>This course introduces the knowledge and skills necessary for the nonclinical medical office worker to support administrative procedures in a medical environment. Through computer simulated assignments, students will apply critical thinking skills to familiarize themselves with medical office procedures. Content includes reception, in person and on telephone; scheduling appointments, laboratory work, and hospital stays coding; creation and maintenance of patient files; and working in a computerized medical office. Lecture three hours per week.<br><i>Prerequisite: OMT 102 or OMT 140 or concurrent enrollment.</i> | <b>3 CREDITS</b> |
| <b>OMT 216</b> | <b>SPREADSHEET SOFTWARE FUNDAMENTALS</b><br>This course introduces spreadsheet software to participants who wish to work with spreadsheets in business and personal use. Topics covered include creating and formatting spreadsheets, formulas and functions, and data analysis.                                                                                                                                                                                                                                                                                                                                                                                              | <b>1 CREDIT</b>  |
| <b>OMT 218</b> | <b>DATABASE SOFTWARE FUNDAMENTALS</b><br>This course introduces database software which can be used to collect, manage and display information. Students learn procedures to structure and maintain a database by working with various database objects such as a table, query, form and report.                                                                                                                                                                                                                                                                                                                                                                              | <b>1 CREDIT</b>  |
| <b>OMT 219</b> | <b>DATABASE SOFTWARE ADVANCED</b><br>This course is a continuation of OMT 218. Students will learn advanced features of database software such as working with multiple forms, creating detailed reports, and running database analysis.<br><i>Prerequisites: OMT 218.</i>                                                                                                                                                                                                                                                                                                                                                                                                    | <b>2 CREDITS</b> |
| <b>OMT 223</b> | <b>SPREADSHEET SOFTWARE ADVANCED</b><br>A continuation of OMT 216 for participants who wish to learn advanced capabilities of spreadsheet software. Topics covered included multipage workbooks, data import, PivotTables, and Trendlines.<br><i>Prerequisite: OMT 216.</i>                                                                                                                                                                                                                                                                                                                                                                                                   | <b>2 CREDITS</b> |
| <b>OMT 242</b> | <b>BUSINESS COMMUNICATIONS</b><br>Employers want good writers and communicators. This course covers best practices and strategies to communicate effectively in a digital age. Hands-on practice includes using a writing process, practicing digital skills with communication technologies, and producing typical business communication deliverables                                                                                                                                                                                                                                                                                                                       | <b>3 CREDITS</b> |

## OFFICE MANAGEMENT TECHNOLOGY (CONTINUED)

### OMT 250      **INTEGRATED OFFICE SIMULATION**      **3 CREDITS**

This course is a capstone for the Office Management Technology degree. Students will integrate documents using the Microsoft Office Suite and use critical thinking skills to solve document and office-related issues. Knowledge of Microsoft Word, Excel, Access, and PowerPoint is required. Keyboarding speed and accuracy development continues. Lecture one hour per week, laboratory four hours per week.

*Prerequisite: Working towards completion of OMT degree, OMT 125, 127, 131, 242, BUS 101.*

### OMT 253      **SUCCESSFUL CAREER & LIFE STRATEGIES**      **2 CREDITS**

This course is a capstone for the Office Management Technology degree. Students will integrate documents using Microsoft Office Suite software and use critical thinking skills to solve document and officerelated issues.

*Prerequisites: OMT 127, 131, 242, BUS 101.*

### OMT 299      **SPECIAL TOPICS IN OFFICE MANAGEMENT TECHNOLOGY**      **1 TO 5 CREDITS**

Course covers different current topics in Office Management Technology. Content and format will vary depending on the topic being covered. Specific course topic and hours will be indicated in the Course Schedule. Variable credit, lecture one to five hours, laboratory zero to nine hours per week.

## ■ **PHYSICAL EDUCATION**

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### PEC 101      **ADAPTIVE PHYSICAL EDUCATION**      **1 CREDIT**

This course provides therapeutic and recreational activities for students with disabilities, unable or not wishing to, enroll in regular physical education courses. These focus on the development and progress of individual skills and are tailored to individual needs. The instructor may work with the student's personal physician to design an activity program. Laboratory two hours per week. Repeatable three times for additional credit. May be taken four times for college credit.

### PEC 131      **SOFTBALL**      **1 CREDIT**

This course will instruct in the basic techniques of both fast-pitch and slow-pitch softball. Topics covered will include basic hitting and fielding techniques and rules of the game. Practice games will be used, as well as drill work.

### PEC 132      **VOLLEYBALL**      **1 CREDIT**

This is a co-educational course that covers the principles and techniques of volleyball. It offers students the opportunity to compete with other students of their own ability level.

### PEC 133      **POWER VOLLEYBALL**      **1 CREDIT**

This is a co-educational course that covers the advanced principles and techniques of power volleyball. It offers students the opportunity to compete with other students of their own ability level.

## **PHYSICAL EDUCATION (CONTINUED)**

|                |                                                                                                                                                                                                                                                                                                                                                                                                                 |                 |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>PEC 139</b> | <b>GOLF</b><br>This course will examine the basic rules and practices in golf. Practice techniques for the skills of putting, chipping, pitching and driving will be covered. In addition, the history of the game will be examined as well as the rules and scoring of golf.                                                                                                                                   | <b>1 CREDIT</b> |
| <b>PEC 140</b> | <b>GOLF II (ADVANCED)</b><br>This course is a continuation of Golf, PEC 139. The perfecting of skills and the proper approaches to specific aspects of play on the course are covered. May be repeated twice for additional credit.                                                                                                                                                                             | <b>1 CREDIT</b> |
| <b>PEC 155</b> | <b>AEROBIC EXERCISE</b><br>This course consists of an aerobic style fitness program designed to trim and tone the body. Vigorous exercise routines are choreographed to music to increase flexibility, cardiovascular endurance and movement efficiency.                                                                                                                                                        | <b>1 CREDIT</b> |
| <b>PEC 158</b> | <b>BASKETBALL</b><br>Basic basketball techniques will be explored in this course. The areas of dribbling, passing and shooting will be covered. In addition, the student will practice these techniques and learn the basic rules of the game.                                                                                                                                                                  | <b>1 CREDIT</b> |
| <b>PEC 159</b> | <b>ADVANCED BASKETBALL</b><br>Advanced theories of basketball will be covered. Strategies of the game will be examined and basic coaching theory will be introduced. A continuation of skill development will be emphasized.                                                                                                                                                                                    | <b>1 CREDIT</b> |
| <b>PEC 171</b> | <b>PHYSICAL FITNESS</b><br>Physical fitness encompasses all the components of fitness: cardiovascular endurance, strength, flexibility and body composition. This is displayed by participation in the Super Circuit three times per week. Stretching, attending a seminar on aspects of fitness and participating in other aerobic activities such as power walking, jogging, aqua exercise and step aerobics. | <b>1 CREDIT</b> |
| <b>PEC 172</b> | <b>ADVANCED PHYSICAL FITNESS</b><br>Students study and practice advanced techniques of conditioning and routines are tailored to individual needs.<br><i>Prerequisite: PEC 171.</i>                                                                                                                                                                                                                             | <b>1 CREDIT</b> |

## **PHYSICAL EDUCATION (CONTINUED)**

|                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------|
| <b>PEC 173</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>WEIGHT TRAINING</b>                    | <b>1 CREDIT</b>  |
| The theory and practice of weight training skills are covered. Through individually tailored exercise routines, students gain a knowledge and understanding of various weight lifting techniques that are designed for the development of various muscle groups.                                                                                                                                       |                                           |                  |
| <b>PEC 174</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>ADVANCED WEIGHT TRAINING</b>           | <b>1 CREDIT</b>  |
| This course is a sequel to the basic weight training course, PEC 173. Students study the theory and practice of weight training and conditioning at a more advanced level. Activities involve the discussion of, and participation in, various methods of conditioning and exercise. Routines are tailored to individual needs within the course program. May be repeated twice for additional credit. |                                           |                  |
| <b>PEC 175</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>CIRCUIT TRAINING</b>                   | <b>1 CREDIT</b>  |
| This course is a continuation of PEC 174. It will focus on individual development of fitness and wellness levels. Advanced techniques of cardiovascular exercise weight training technique and flexibility training will be a point of emphasis.<br><i>Prerequisite: PEC 173 and PEC 174.</i>                                                                                                          |                                           |                  |
| <b>PEC 176</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>ADVANCED CIRCUIT TRAINING</b>          | <b>1 CREDIT</b>  |
| This is a continuation of PEC 175. This course will emphasize a personal fitness and wellness plan for students for lifelong activity. In addition, concepts of body image, body fat levels and risk factors for disease will be examined.<br><i>Prerequisite: PEC 175.</i>                                                                                                                            |                                           |                  |
| <b>PEC 177</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>WEIGHT CONTROL AND EXERCISE</b>        | <b>1 CREDIT</b>  |
| This course provides a program for weight reduction through a three-phase aerobic floor exercise routine. The first phase deals with stretching. The second phase concentrates on the upper extremities and the third phase deals with abdominal muscles.                                                                                                                                              |                                           |                  |
| <b>PEC 178</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>SOCCER</b>                             | <b>1 CREDIT</b>  |
| This course will develop the basic skills of soccer for the student. Emphasis will be placed on individual skill build-up, as well as team strategies. The course will also introduce the rules of soccer and strategies of team play. Practice games are a part of the course.                                                                                                                        |                                           |                  |
| <b>PEC 180</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>INTRODUCTION TO PHYSICAL EDUCATION</b> | <b>2 CREDITS</b> |
| The coeducational course emphasizes history, principles, philosophy, aims and objectives of physical education. It reviews important issues, career opportunities and trends. Lecture two hours per week.                                                                                                                                                                                              |                                           |                  |

## **PHYSICAL EDUCATION (CONTINUED)**

|                |                                              |                 |
|----------------|----------------------------------------------|-----------------|
| <b>PEC 181</b> | <b>JOGGING AND POWER WALKING FOR FITNESS</b> | <b>1 CREDIT</b> |
|----------------|----------------------------------------------|-----------------|

The course provides instruction in the basic skills and techniques of jogging and power walking. Laboratory two hours weekly.

|                |                 |                 |
|----------------|-----------------|-----------------|
| <b>PEC 183</b> | <b>BASEBALL</b> | <b>1 CREDIT</b> |
|----------------|-----------------|-----------------|

This course will examine the basic rules, strategies and techniques of the All-American game, baseball. Special emphasis will be put on individual skill development. In addition, rules and strategies of the game will be covered.

|                |                           |                  |
|----------------|---------------------------|------------------|
| <b>PEC 190</b> | <b>SPORTS OFFICIATING</b> | <b>2 CREDITS</b> |
|----------------|---------------------------|------------------|

This course teaches officiating procedures and techniques for baseball, basketball, football, volleyball and softball. Students study contest rules and officiating techniques, receive practical experience and take tests for certification in a sport of their choice. The course may be taken twice for a second certification and additional credit. Lecture one hour, laboratory two hours per week.

|                |                                                 |                  |
|----------------|-------------------------------------------------|------------------|
| <b>PEC 200</b> | <b>LEADERSHIP IN TEAM AND INDIVIDUAL SPORTS</b> | <b>2 CREDITS</b> |
|----------------|-------------------------------------------------|------------------|

Students study methods and techniques of teaching individual and team activities and cover the problems of planning, administering and organizing learning activities. They learn techniques of oral communication, demonstrating, discussing and guiding student performances and gain practical experience in using these techniques. They undertake fieldwork with youth. Lecture one hour, laboratory three hours per week.

|                |                                  |                  |
|----------------|----------------------------------|------------------|
| <b>PEH 101</b> | <b>PERSONAL COMMUNITY HEALTH</b> | <b>3 CREDITS</b> |
|----------------|----------------------------------|------------------|

Students learn about personal and mental health, nutrition, communicable diseases, community health, intimate relationships and discuss the physiological aspects and importance of physical fitness. Students explore the effects of alcohol, tobacco and substance abuse on personal health and society. Lecture two hours per week.

|                |                  |                  |
|----------------|------------------|------------------|
| <b>PEH 102</b> | <b>FIRST AID</b> | <b>2 CREDITS</b> |
|----------------|------------------|------------------|

This course covers the knowledge and practical application of basic first aid, treatment of injuries and common illnesses and cardiopulmonary resuscitation. Students furnish bandages and tape. Lecture two hours per week.

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|----------------|------------------|------------------|
| <b>PEH 103</b> | <b>NUTRITION</b> | <b>3 CREDITS</b> |
|----------------|------------------|------------------|

This course acquaints students with the basic theory and practices of nutrition. Topics include various types of nutrients, human digestive system, nutritional planning, importance of the major categories of foods and weight reduction and control. Lecture two hours per week.

## **PHYSICAL EDUCATION (CONTINUED)**

- PEH 104      FOUNDATIONS OF HEALTH/PHYSICAL FITNESS      2 CREDITS**  
This course covers the physiological aspects of wellness and physical fitness; discussion and testing of obesity, nutrition, cardiovascular conditioning and diet; personal fitness evaluation; development and evaluation of a personal fitness program; appraisal of programs available to the individual through private and noneducational agencies; health and fitness myths; superstitions and misconceptions. Lecture two hours per week.
- PEH 105      WELLNESS      2 CREDITS**  
This course introduces students to aspects of health maintenance. Topics include physical fitness, weight control, nutrition, stress and time management, mental health and development, social and spiritual concerns and employment.

## **■ PHILOSOPHY**

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- PHI 125      WORLD RELIGIONS IN GLOBAL CONTEXT (IAI: H5 904N)      3 CREDITS**  
This course compares the major world religions and considers their major contributions to world civilization. Study includes Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, Confucianism and Shintoism. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- PHI 126      INTRODUCTION TO ETHICS (IAI: H4 904)      3 CREDITS**  
Students examine man as a moral being. This course analyzes the principal ethical theories and their practical application to man's moral problems and decisions. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- PHI 180      SOCIAL ETHICS (IAI: H4 904)      3 CREDITS**  
This course encourages critical thinking about traditional and modern social problems. Students probe the reasoning, rationalizations and justifications for social policy and public opinion. Lecture three hours weekly. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- PHI 201      PHILOSOPHY (IAI: H4 900)      3 CREDITS**  
Students inquire into the main problems of philosophy and analyze the most significant philosophic systems. Topics include the source and limits of knowledge, errors in reasoning, moral and ethical values, freedom and determinism and the nature and form of religion. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.
- PHI 202      INTRODUCTION TO LOGIC (IAI: H4 906)      3 CREDITS**  
This course provides an orderly approach to deductive reasoning, emphasizing modern symbolic techniques, concepts of scientific reasoning and language usage. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

## ■ PHYSICAL SCIENCE

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### **PHS 101      ASTRONOMY (IAI: P1 906)      3 CREDITS**

History of astronomy, planets, solar system, the Milky Way, stars, stellar evolution and cosmology are topics in this introductory astronomy course. Lecture is three hours per week. Also offered as independent study telecourse. This course applies to IAI General Education Core Curriculum Physical Science Package.

### **PHS 103      PHYSICAL SCIENCE I (IAI: P9 900L)      4 CREDITS**

Students are introduced to physics, chemistry, and astronomy. Lecture is three hours per week, laboratory two hours per week. This course is for non-science majors, and applies to IAI General Education Core Curriculum Physical Science Package.

## ■ PHYSICAL THERAPIST ASSISTANT

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### **PHT 101      MEDICAL TERMINOLOGY FOR CLINICIANS      2 CREDITS**

A self-directed, technology enhanced approach is used in the study of medical terminology and medical record documentation. Initial emphasis is placed on basic terminology, word skills and knowledge, including prefixes, suffixes, word parts, general medicine, body parts, selected abbreviations and symbols. After initial learning modules are completed, study focuses on a body system approach to common and special services in health care relating to structure, function, disease, diagnosis and treatment. Mastery includes skills in spelling, definitions of terms and comprehensive use of select medical terms in appropriate written applications. Completion of this course will prepare the student for curricula study in the area of specialization.

### **PHT 105      THERAPEUTIC MODALITIES I      1 CREDIT**

This course introduces students to the concept of therapeutic modalities. Students will study the physiological effects, principles, and practical therapeutic applications of select physical modalities including but not limited to thermal agents, and cryotherapy. Emphasis is placed on understanding the effects, indications, and contraindications of each modality and providing competent application of the modality as part of an established plan of care. Students will be introduced to the theory of pain management and data collection techniques related to the assessment of pain. The course will also address physiological effects, principles and practical application of soft tissue management techniques. Basic theoretical concepts are introduced relative to current clinical physical therapy practice including use of soft tissue mobilization. Lecture 0.5 hours per week, laboratory 1.5 hours per week.

***Prerequisite: Acceptance into the PTA Program.***

## **PHYSICAL THERAPIST ASSISTANT (CONTINUED)**

**PHT 111**

### **PATIENT MANAGEMENT I: BASIC SKILLS FOR THE PTA**

**2 CREDITS**

This course introduces principles of physical therapy practice and interventions performed by the Physical Therapist Assistant. Basic physical therapy skills including body mechanics, wheelchair management, gait training and use of assistive devices, transfer training, bed mobility, and basic range of motion will be taught. The student will understand the importance of data collection including measurement of vital signs and assessment of anthropometric characteristics. The student will be introduced to the handling of basic medical emergencies and infection control. Lecture one hour per week, laboratory three hours per week

***Prerequisite:** Acceptance into the PTA Program.*

**PHT 112**

### **PRINCIPLES OF PRACTICE I: INTRODUCTION TO PHYSICAL THERAPY**

**2 CREDITS**

This foundational course serves as an essential introduction to the field of physical therapy for Physical Therapist Assistant (PTA) students. This course discusses the roles and responsibilities of the PTA as a member of the healthcare team in the management of individuals across the continuum of care. Legal, ethical and professional behaviors will be discussed, and students will develop a personal awareness and understanding of justice, diversity, equity, and inclusion as it relates to healthcare disparities. This course introduces students to standards of medical record keeping, different types of healthcare documentation, and general information on billing for physical therapy services. In addition, students will understand legal and ethical requirements related to medical records and the sharing of patient information. The student will study interpersonal relationships, communication skills, and various forms of communication. The student will explore the social and psychological aspects of illness, disability, death and dying. Lecture two hours per week.

***Prerequisite:** Acceptance into the PTA Program.*

**PHT 113**

### **INTRODUCTION TO DISEASE**

**2 CREDITS**

This foundational course serves to introduce disease processes affecting the various systems of the human body. Students will develop an understanding of both medical and physical therapy diagnoses and screening tools. Instruction will address pathology of disease within selected systems of the human body and how this pathology may impact the delivery of physical therapy interventions to the individual. The course will discuss presentation of common disease processes and healing processes as they relate to physical therapy. The material presented in this course will lay the groundwork for future studies within this program. Lecture two hours per week.

***Prerequisite:** Acceptance into the PTA Program.*

## PHYSICAL THERAPIST ASSISTANT (CONTINUED)

### **PHT 114      FUNDAMENTALS OF KINESIOLOGY I      4 CREDITS**

The first course of a two part series in the fundamentals of kinesiology. Students are introduced to basic concepts of motion as they apply to the human body. Concepts covered include biomechanics, motion analysis and posture. Bones, joints, muscles and nerves of the thorax, abdomen, spinal column and upper extremities will be covered in detail. This knowledge will then be applied to analyzing human motion with an emphasis on integrating structure and function. Lecture three hours per week, laboratory three hours per week.

*Prerequisite: Acceptance into the PTA program.*

### **PHT 115      FUNDAMENTALS OF KINESIOLOGY II      4 CREDITS**

In this second course of a two-part series in the fundamentals of kinesiology, students continue to analyze basic concepts of motion as they apply to the human body. Bones, joints, muscles, and nerves of the lower extremities will be studied in detail. This knowledge will then be applied to movement, gait and posture with an emphasis on integrating structure and function. Lecture three hours per week, laboratory three hours a week.

*Prerequisite: Successful completion of the first semester in the PTA program.*

### **PHT 117      PATIENT MANAGEMENT II: TESTS AND MEASUREMENTS      2 CREDITS**

In this second course of a two-part series in the fundamentals of kinesiology, students continue to analyze basic concepts of motion as they apply to the human body. Bones, joints, muscles, and nerves of the lower extremities will be studied in detail. This knowledge will then be applied to movement, gait and posture with an emphasis on integrating structure and function. Lecture three hours per week, laboratory three hours a week.

*Successful completion of the first semester in the PTA program.*

### **PHT 122      THERAPEUTIC EXERCISE      2 CREDITS**

Students are introduced to the principles and techniques of therapeutic exercise including, but not limited to therapeutic interventions for stretching, range of motion, strengthening, posture, balance, coordination and agility training and aerobic conditioning. Emphasis will be placed on the role of therapeutic exercise in medical, surgical, orthopedic and neurological conditions and in maintenance of health and well being. Students will learn how to implement a therapeutic exercise program under the direction and supervision of the physical therapist and will identify when to progress, modify, adapt or withhold exercise interventions in response to patient presentation. Students will learn how to write and implement a home exercise program that is consistent with the plan of care established by the physical therapist. Lecture one hour, laboratory three hours per week.

*Prerequisite: Successful completion of the first semester in the PTA program.*

## **PHYSICAL THERAPIST ASSISTANT (CONTINUED)**

**PHT 123**

### **SYSTEMS AND INTERVENTIONS I: ORTHOPEDICS**

**3 CREDITS**

This course focuses on the application of physical therapy interventions for the treatment of orthopedic conditions of the trunk and extremities. Common orthopedic diagnoses will be presented, and students will discuss the principles, progression and management throughout the various stages of recovery. Students will learn how to appropriately integrate therapeutic modalities and exercise into the treatment plan to enhance healing and recovery. This course will also discuss the use of orthotics for the orthopedic patient. Students will be introduced to the special needs of the patient with a lower limb amputation. Instruction will include discussion on the levels of lower extremity amputation and address pre-prosthetic and prosthetic rehabilitation. Lecture 2 hours per week, lab 3 hours per week.

***Prerequisite: Successful completion of the first semester in the PTA program.***

**PHT 124**

### **INTRODUCTION TO CLINICAL EDUCATION**

**2 CREDITS**

This course is designed to prepare the student for their clinical experiences. Students will review and practice oral and written communication skills and effective ways to manage complex situations. Students will be given the opportunity to observe clinical practice in-person, via patient simulation, and/or videos. Emphasis is placed on examining the role of the PTA and the relationship between the PT and the PTA. This experience is designed to provide the student with an opportunity to observe the organization and general operation of a clinical environment, including PT/PTA interaction, time management techniques, financial management and professional behaviors. Students will receive information about the health, legal and conduct requirements of the clinical sites. Lecture 2 hours per week.

***Prerequisite: Successful completion of the first semester in the PTA program.***

**PHT 125**

### **THERAPEUTIC MODALITIES II**

**1 CREDIT**

This course continues to build the student's knowledge of therapeutic modalities in preparation for clinical education. Students will study the physiological effects, principles and practical therapeutic applications of select modalities including but not limited to ultrasound, traction, and electrotherapeutic modalities. Emphasis is placed on understanding the effects, indications, and contraindications of each modality and providing competent application of the modality as part of an established plan of care. Lecture 0.5 hours per week, laboratory 1.5 hours per week.

***Prerequisite: Successful completion of the first semester in the PTA program.***

## PHYSICAL THERAPIST ASSISTANT (CONTINUED)

### PHT 212

#### SYSTEMS & INTERVENTION II: NEUROLOGY

3 CREDITS

Common neurological diagnoses will be presented, and students will discuss and demonstrate knowledge of the principles, progression and management of diagnoses throughout the various stages of recovery. This course includes learning the anatomy and functions of the central and peripheral nervous systems, current functional mobility techniques, and activities of daily living (ADLs), as well as implementation of treatment interventions for common neurological disorders. Students will be taught intervention techniques for persons with diagnosis of stroke, spinal cord injury, traumatic brain injury, neurodegenerative disorders, and peripheral nerve disorders. Specific therapeutic treatment techniques include designing and implementing treatment plans and providing education for patients and caregivers are also taught. Additionally, documentation of the various assessment techniques, interventions and functional activities will also be incorporated into this course. Lecture two hours per week, laboratory three hours per week.

*Prerequisite: Successful completion of the first year in PTA program.*

### PHT 217

#### CLINICAL INTERNSHIP I

3 CREDITS

This course introduces the student to supervised practice in the clinical setting. There are two components to this course, lecture and clinical. The lecture component covers topics that are relevant to current issues and trends in health care and to the PTA scope of practice. Classroom and web based discussion will address legal and ethical standards of practice, presentation skills, effective communication and conflict resolution. The course will also introduce the student to lifelong learning and career development for the PTA. The clinical component of this course provides an opportunity for the student to experience supervised hands on clinical practice. The clinical experience will be both a learning opportunity as new techniques and skills are applied and an opportunity to apply basic skills and knowledge learned during the first year of the PTA program. This course requires 4 weeks of full time clinical education (40 hours) with a concurrent online component. The remaining weeks will involve in-class lecture of two hours per week.

*Prerequisite: Successful completion of the first year in PTA program.*

### PHT 218

#### CARDIOVASCULAR, PULMONARY AND INTEGUMENTARY MANAGEMENT

2 CREDITS

Common cardiovascular, pulmonary, and integumentary diagnoses will be presented, and students will discuss the principles, progression and management throughout the various stages of recovery. This course will expand on the medical and physical therapy management of patients with disease and impairment of the cardiac, pulmonary, vascular, lymphatic and integumentary systems introduced in PHT 113. Students will be introduced to data collection techniques and interventions related to assessment and management of these systems. Emphasis will be placed on wound care and prevention of skin breakdown, postural drainage and chest physical therapy techniques, breathing exercises, lymphedema management, cardiopulmonary rehabilitation and physiological response of the cardiovascular and pulmonary systems to exercise. Lecture one hour per week, laboratory three hours per week.

*Prerequisite: Successful completion of the first year in PTA program.*

## PHYSICAL THERAPIST ASSISTANT (CONTINUED)

### PHT 219

#### SPECIAL POPULATIONS: PEDIATRIC AND GERIATRIC

2 CREDITS

Common geriatric and pediatric diagnoses will be presented, and students will discuss the principles, progression and management of these conditions. Management of patients from special age populations is addressed in lecture and laboratory format. The study of normal aging across the lifespan is considered emphasizing normal development in pediatrics and age-related changes in older people. Physical therapy management will focus on data collection and interventions specific to these diseases and conditions considered age specific. The course will explore the different service delivery settings, reimbursement, and documentation mechanisms for pediatric and geriatric populations and will look at the impact of caring on family members and caregivers. Legal and ethical considerations specific to the needs of vulnerable populations will be discussed. Lecture one hour per week, laboratory three hours per week.

***Prerequisite:*** Successful completion of the first year in PTA program.

### PHT 220

#### ADVANCED PHYSICAL THERAPY TECHNIQUES

3 CREDITS

Advanced orthopedic, neurological and integumentary interventions and handling techniques currently used in clinical practice are presented. Students will be introduced to advanced physical agents and electrotherapeutic modalities, advanced therapeutic exercise techniques and elements of assistive and adaptive technology not addressed in basic course material. This course provides students the opportunity to work with a variety of advanced or specialized topics in the field of physical therapy. Current trends and issues regarding scope of practice and different practice settings suitable for the PTA are addressed. The principles, interventions and handling techniques presented in this course are above the basic course level. Lecture twelve hours per week for four weeks.

***Prerequisite:*** Successful completion of PHT 212, PHT 218, PHT 219 and consent of the PTA Program Director.

### PHT 222

#### SEMINAR IN HEALTH CARE LITERATURE

2 CREDITS

This course is designed to guide the student through the process of finding and using evidence to support best practice. Students will learn how to formulate a research question and how to use that question to search the professional literature for relevant evidence. Instruction will teach students to be critical consumers of articles that they read, with tools to assess not only the quality of the research, but also the level of evidence presented. Basic statistical concepts will be discussed. Students will be required to integrate evidence into clinical practice and to present evidence on a given topic relevant to physical therapy practice to their peers. The significance of professional literature to reflective practice and lifelong learning will be discussed. This is a hybrid course with classroom and online instruction.

***Prerequisite:*** Successful completion of PHT 212, PHT 218, PHT 219 and consent of the PTA Program Director. English 102 is recommended.

## PHYSICAL THERAPIST ASSISTANT (CONTINUED)

PHT 224

### PRINCIPLES OF PRACTICE II:

2 CREDITS

#### PROFESSIONAL ISSUES IN PHYSICAL THERAPY

This course builds on the introductory information presented in part one of this series, expanding on professional issues, ethics and values, professional development and responsibilities, service, advocacy, leadership and lifelong learning within an ever-changing health care environment. The course will further develop an understanding of the roles and responsibilities of the PTA. In preparation for a career in physical therapy the student will receive instruction on topics related to applying for licensure, license renewal, portfolio development, career paths for the PTA and preparation for employment. This is a hybrid course with classroom and web-based instruction. Lecture two hours per week.

**Prerequisite:** Successful completion of PHT 212, PHT 218, PHT 219 and consent of the PTA Program Director.

PHT 225

### CLINICAL AFFILIATIONS II

5 CREDITS

In this course students apply concepts and skills learned in all previous academic and clinical settings. The course will also enable the student to apply and develop clinical skills. The final two clinical affiliations offer the student experiences that will lead toward entry level practice as a physical therapist assistant. Students will participate in one six-week and one seven-week full-time clinical education experience for a minimum of 36 hours per week. Weekly online communication is maintained with academic faculty.

**Prerequisite:** Successful completion of PHT 212, PHT 218, PHT 219 and consent of the PTA Program Director.

PHT 250

### NPTE PREPARATION

1 CREDIT

This course is designed to prepare the PTA graduate to retake the National Physical Therapy Exam (NPTE). Following a review of the NPTE Performance Feedback Report the student will identify areas of strengths and weakness and learn how to use this information to guide learning and preparation in advance of retaking the NPTE. The course will cover strategies to promote effective study habits, time management techniques, and improve test taking ability. PTA curricular content will be reviewed and students will be given the opportunity to participate in classroom activities in select areas.

## ■ PHYSICS

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PHY 100

### FUNDAMENTALS OF PHYSICS

3 CREDIT

This is an introductory course in the concepts and applications of physics designed for the non-science major. Topics covered include units of measurements, conversions, motion, force, gravity, rotation, energy, work, pressure, fluids, temperature and heat, electricity and magnetism, light, optics, and modern physics. Lecture two hours, lab three hours. There is a lab component to this course.

## PHYSICS (CONTINUED)

### PHY 101      **GENERAL PHYSICS I (IAI: P1 900L)**      **5 CREDITS**

In this introductory course, liberal arts and preprofessional students study mechanics, motion of particles, force and motion, work and energy and status of fluids, as well as temperature, heat and work, kinetic theory of matter, wave motion and sound. They explore these concepts and the scientific method through lectures, classroom demonstrations, written exercises and problem-solving activities. Lecture four hours, laboratory three hours per week. This course applies to the IAI General Education Core Curriculum Physical Science package.

*Prerequisite: MAT 105.*

### PHY 102      **GENERAL PHYSICS II**      **5 CREDITS**

A continuation of PHY 101, this course includes electrostatics, magnetism, electromagnetic waves and electronics, light and its measurement and lenses and mirrors, as well as atomics and nucleonics, X-rays, optical spectra and atomic structure. Students study scientific methods further. Lecture four hours, laboratory three hours per week.

*Prerequisite: PHY 101.*

### PHY 105      **PHYSICS I (IAI: PHY911)**      **5 CREDITS**

Students preparing to major in science, engineering, and math investigate simple equations of linear and rotational motion, vectors, forces, equilibrium, momentum, and energy concepts. Other topics include wave motion, sound, hydrostatics, and hydrodynamics. Lecture four hours, laboratory three hours per week.

*Prerequisite: Registration or credit in MAT 201.*

### PHY 205      **PHYSICS II (IAI: PHY 912)**      **5 CREDITS**

Students preparing to major in science, engineering, or math engage in study of electricity, magnetism, circuit analysis, and optics. This is the second course in the physics sequence. Lecture four hours, laboratory three hours per week.

*Prerequisite: PHY 105 and Registration or credit in MAT 201.*

### PHY 206      **PHYSICS III**      **5 CREDITS**

Students preparing to major in science, engineering, and math engage in the study of properties of sound waves and light waves, relativity, atomic theory, and nuclear theory. This is the third course in the physics sequence. Lecture four hours, laboratory three hours per week.

*Prerequisite: PHY 205.*

## ■ POLITICAL SCIENCE

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- POL 201      UNITED STATES NATIONAL GOVERNMENT (IAI: S5 900)      3 CREDITS**
- Students study the national government. They focus on the theory and development of the constitutional system and current problems arising from federalism; civil liberties and civil rights; methods of popular control; foreign policy and government's role in the economy. They have opportunity for field work. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.
- POL 202      STATE AND LOCAL GOVERNMENT (IAI: S5 902)      3 CREDITS**
- Students learn the function and operations of state and local government from the precinct level to state government and the citizen's relationship to them. Field work includes interviews and visits to city halls, board meetings and court rooms, among other activities. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.

## ■ PSYCHOLOGY

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- PSY 101      INTRODUCTION TO PSYCHOLOGY (IAI: S6 900)      3 CREDITS**
- Students study psychology as a science, personality, heredity, environment, intelligence and sensory and perception abilities to gain a better understanding of the person. Lecture three hours per week. Course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.
- Prerequisite: College level reading and writing skills are highly recommended.*
- PSY 201      SOCIAL PSYCHOLOGY (IAI: S8 900)      3 CREDITS**
- Students learn how individuals think about, are influenced by and relate to others in their social environment. Topics include the links among attitudes, judgments and behavior; influence, persuasion and conformity; attraction, altruism and aggression. Lecture three hours per week. Course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.
- Prerequisite: SOC 100 or PSY 101, or permission of instructor.*
- PSY 202      ABNORMAL PSYCHOLOGY (IAI: PSY 905)      3 CREDITS**
- This course explores symptoms and causes of various psychological disorders. Objectives include defining normality, understanding the influence environment, genetics and personality characteristics have on human behavior, analyzing the major personality theories, learning about anxiety disorders, personality disorders, sexual disorders, addiction, major mental disorders and looking at therapeutic methods designed to improve mental health. This course applies to one or more IAI majors. See an Student success coach for details.
- Prerequisite: PSY 101 or permission of instructor.*

## PSYCHOLOGY (CONTINUED)

- PSY 210 CHILD GROWTH AND DEVELOPMENT (IAI: S6 903) 3 CREDITS**  
This course examines the current knowledge of the physical, psychological and social development of children from prenatal to early adolescence. It investigates innate and environmental influences and compares the latest major theories with students' observations and experiences with children. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.  
*Prerequisite: PSY 101 or permission of instructor.*
- PSY 211 ADOLESCENT PSYCHOLOGY (IAI: S6 904) 3 CREDITS**  
Adolescent psychology examines the physical, intellectual, emotional and social developmental patterns observed from puberty to adulthood. Various psychological theories concerning adolescence and research will be reviewed. Course topics include self-identity, family roles and interactions, social relationships, values, gender and intelligence. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.  
*Prerequisite: PSY 101.*
- PSY 215 LIFE SPAN: A SURVEY OF HUMAN DEVELOPMENT (IAI: S6 902) 3 CREDITS**  
Students explore the emotional, social, cognitive, neurobiological and physical milestones of childhood, adolescence, adulthood and old age. This course emphasizes human developmental stages, developmental research methods and patterns of adjustment to differing lifetime demands. Theories and principles of human development are examined in light of contemporary research. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.  
*Prerequisite: PSY 101.*

## ■ SOCIOLOGY

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- SOC 100 INTRODUCTION TO SOCIOLOGY (IAI: S7 900) 3 CREDITS**  
This course offers systematic study of social factors, structure and relationships. It emphasizes values and rules of conduct in society, the process of socialization, group characteristics and influence, and power relations. Students analyze selected social institutions and compare their influence on life chances, social inequality and social conflict. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science Package.
- SOC 101 THE FAMILY (IAI: S7 902) 3 CREDITS**  
This course is a survey of the contemporary family in historical and cross-cultural perspectives. It includes trends in mate selection, marriage, child-rearing, work, gender roles and communication within the family. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science Package.

## **SOCIOLOGY (CONTINUED)**

- SOC 102      SOCIAL PROBLEMS (IAI: S7 901)      3 CREDITS**  
This course offers an in-depth analysis of contemporary social issues. It encourages critical thinking and discussion on the social, economic, and political factors contributing to each issue, as well as their significant impact on individuals, communities, and societies at large. Students will be challenged to focus on developing strategies for solving each social issue. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science Package.
- SOC 201      RACE AND ETHNICITY (IAI: S7 903D)      3 CREDITS**  
This course examines differential power between groups (including gender), and analyzes the social structures which are used to maintain these power differences. Topics to be covered include, cultural diversity and various dimensions of discrimination and prejudice, including an analysis of inequality and its origins, conditions under which inequality occurs and persists, and changing inequality and ways to deal with minority group problems. This course applies to the IAI General Education Core Curriculum Social/Behavioral Science package.
- SOC 220      INTRODUCTION TO SOCIAL WORK      3 CREDITS**  
This course examines the history and origins of the field of social work and explores its organization and relationships with other helping professions. It also studies the major areas of concern in the field of social work itself, including but not limited to understanding human values and diversity and the knowledge and skills required to work successfully with a variety of diverse community groups. Lecture three hours per week.  
*Prerequisite: PSY 101 and SOC 100.*

## **■ SPANISH**

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- SPN 101      BEGINNING SPANISH I      4 CREDITS**  
This is a course for total beginners with no prior knowledge of Spanish, and for those who did not learn Spanish as a home language. Students are introduced to the sounds of the language, basic vocabulary, and grammar. The goal is to start building oral and written communicative skills in Spanish. It promotes awareness of the diversity of the Spanish language and cultures. Not open to native or heritage speakers of Spanish. Students who learned Spanish as a home language should enroll directly in SPN 130 (Spanish for Heritage Speakers) or in appropriate 200-level courses.
- SPN 102      BEGINNING SPANISH II      4 CREDITS**  
As the continuation of SPN 101, this is a course for beginners who wish to continue to improve their listening, speaking, reading, and writing in Spanish. The range and complexity of the vocabulary and grammar are increased. Students' awareness of the diversity of the Spanish language and cultures is widened. Upon successful completion, students are ready for SPN 201 - Intermediate Spanish I. Not open to native or heritage speakers of Spanish. Students who learned Spanish as a home language should enroll directly in SPN 130 (Spanish for Heritage Speakers) or in appropriate 200-level courses.

## SPANISH (CONTINUED)

- SPN 120      BASIC SPANISH FOR PROFESSIONALS      3 CREDITS**  
Designed for absolute beginners in Spanish with careers requiring communication with Spanish speakers. It entails the study of vocabulary and grammar needed for basic oral and written communication in various professional settings, such as healthcare, education, law enforcement, business, or social science.  
*Prerequisite: Not open to native or heritage speakers of Spanish.*
- SPN 121      SPANISH FOR HEALTHCARE PROFESSIONALS      3 CREDITS**  
Ideal for those who work in a healthcare setting in which a specialized and formal command of Spanish is key to professional success. Designed for heritage speakers of Spanish - those who learned Spanish as a home language - and other students who already have a basic knowledge of the language. This course is taught in Spanish.  
*Prerequisite: Understanding spoken Spanish and being able to speak it at a basic level.*
- SPN 130      SPANISH FOR HERITAGE SPEAKERS      4 CREDITS**  
Ideal for those who grew up speaking Spanish and wish to develop confidence in a more formal variety. Focus is on developing reading and writing skills in standard Spanish, reviewing aspects of the language often confusing for heritage speakers, such as spelling and English interference. This course increases awareness of the diversity of the Spanish language and cultures in the U.S. and the rest of the world. Taught in Spanish. Previous coursework in Spanish not required.  
*Prerequisite: Having learned Spanish as a home language. Previous experience in Spanish NOT required. Students who grew up speaking Spanish AND have previous academic credit in the language should register directly for 200-level Spanish courses, IF prerequisites for those are met.*
- SPN 201      INTERMEDIATE SPANISH I      4 CREDITS**  
This course reviews and builds upon the content of Beginning Spanish courses (SPN 101 and 102) and Spanish for Heritage Speakers (SPN 130). It provides students with ample practice to start developing oral and written proficiency, while promoting understanding of the diversity of the Spanish language and cultures through the discussion of news, literature, and film. This course is taught in Spanish.  
*Prerequisites: None. Recommended: two years of high school Spanish, or SPN 102, or SPN 130, or placement.*
- SPN 202      INTERMEDIATE SPANISH II (IAI: H1 900)      4 CREDITS**  
As a continuation of SPN 201, this course provides more advanced Spanish vocabulary and grammar, helping students further develop their fluency through ample oral and written practice. It continues to promote a greater understanding of the diversity of the Spanish-speaking world, through the analysis and discussion of news, literature, and film. This course is taught in Spanish. It applies to the IAI General Education Core Curriculum Fine Arts and Humanities package (IAI: H1 900).  
*Prerequisite: It is recommended, but not required, that prior to enrollment students have taken three years of Spanish in high school, or SPN 201. Placement available if needed.*

## SPANISH (CONTINUED)

- SPN 215      SPANISH CONVERSATION AND COMPOSITION I      3 CREDITS**  
**(IAI: H1 900)**  
This course offers intensive practice in oral and written expression, stressing distinctions in word usage, structure and the elements of style. Oral and written composition stems from selections of representative authors, essays on Hispanic culture, articles in periodicals, short stories and a novel or play read each semester. Lecture three hours per week. Applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.  
*Prerequisite: It is recommended, but not required, that prior to enrollment students have taken either four years of Spanish or high school, or SPN 202, which may also be taken concurrently.*
- SPN 216      SPANISH CONVERSATION AND COMPOSITION II      3 CREDITS**  
**(IAI: H1 900)**  
This course continues the work done in SPN 215. The course offers intensive practice in oral and written expression, with attention to distinctions in word usage, structure and the elements of style. Oral and written composition is based on selections from representative authors, essays on Hispanic culture, articles in periodicals, short stories and a novel or play read each semester.  
*Prerequisite: SPN 215 or fluency in Spanish.*
- SPN 220      CULTURE AND CIVILIZATION OF LATIN AMERICA      3 CREDITS**  
Students focus on the social, political, cultural and economic factors that have shaped modern-day Latin America. Course themes are explored through the study of major Hispanic writers, text readings and related media selections. This course is taught in Spanish. Lecture three hours per week.  
*Prerequisite: SPN 202 or fluency in Spanish.*
- SPN 225      SPANISH AMERICAN LITERATURE I      3 CREDITS**  
Students survey important Latin American writers and poets. The course emphasizes the development of effective skills for reading, understanding and interpreting Spanish language literature. Students continue to enhance and polish their oral and written Spanish language skills through classroom language study, discussions and essays. Lecture three hours per week. SPN 202 or fluency in Spanish.
- SPN 226      SPANISH AMERICAN LITERATURE II      3 CREDITS**  
A continuation of SPN 225, the course surveys additional Latin American authors and genres and continues to emphasize literary analysis and written and oral Spanish language skills. Lecture three hours per week.  
*Prerequisite: SPN 225 or fluency in Spanish.*

## ■ SPEECH

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- SPE 101      PRINCIPLES OF PUBLIC SPEAKING (IAI: C2 900)      3 CREDITS**  
In this course, students develop the fundamental speech skills. Topics include theory of delivery, content analysis, audience analysis and critical listening. Students have ample opportunity to perform the functions of speaking, listening and evaluating in a variety of public-address situations. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Communication package.
- SPE 114      ARGUMENTATION (IAI: MC 905)      3 CREDITS**  
Principles of reasoning, critical thinking, argumentation, and advocacy and their expression in a variety of media. Students will develop an understanding of how arguments function to influence attitudes, values, and behaviors in our public culture with an emphasis on the nature of argument, proofs and evidence, constructing arguments, fallacies of argument, and the use of logical and persuasive reasoning.  
Lecture three hours per week.

## ■ SUPPLY CHAIN MANAGEMENT

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- SCM 101      PRINCIPLES OF SUPPLY CHAIN MANAGEMENT      3 CREDITS**  
This course focuses on core concepts of supply chain management such as integration of information and material flows across multiple organizations in the supply chain. Logistics procedures and strategies, warehousing, inventory management, and order processing are covered. Emphasis on analysis of the competitive environment, distribution network alternatives, and customer service aspects provide a background in each functional area to enable students to pursue their areas of interest.  
Lecture three hours per week.
- SCM 104      WAREHOUSING AND DISTRIBUTION      3 CREDITS**  
This course focuses on key warehousing and distribution functions, processes, organization and operations. It includes analysis of warehouse location, operation, and distribution management strategies. Students will analyze how warehousing and distribution strategies of a company impact the performance of supply chain management. Lecture three hours per week.  
*Prerequisite: SCM 101.*
- SCM 107      TRANSPORTATION & TRAFFIC MANAGEMENT      3 CREDITS**  
This course focuses on different modes of transportation and their impact on the performance of supply chain management. It includes analysis of competitive alternative modes, systems, rates, services, and regulations as prerequisite to transport purchase decisions. Organization, operations, and management of the firm's traffic department are also discussed. Lecture three hours per week.  
*Prerequisite: SCM 101.*

## SUPPLY CHAIN MANAGEMENT (CONTINUED)

### SCM 203 INVENTORY CONTROL

3 CREDITS

This course focuses on the principles, techniques and procedures of inventory control systems, and its application in different industries. Coursework will include familiarization with production planning and control, purchasing, forecasting, inventory management, inventory costing, physical inventory and warehouse management, distribution systems including transportation, packaging, and material handling. Tools such as Microsoft Excel will be used to simulate a real life inventory control system. Lecture three hours per week.

*Prerequisite: SCM 101.*

### SCM 204 GLOBAL LOGISTICS

3 CREDITS

This course focuses on international purchasing or sourcing. Includes the advantages and the barriers of purchasing internationally, global sourcing, procurement technology, and purchasing processes. Emphasizes issues of contract administration, location, and evaluation of foreign suppliers, total cost approach, exchange fluctuations, customs procedures, and related topics. Lecture three hours per week.

*Prerequisite: SCM 101*

## ■ THEATRE ARTS

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### THR 107 THEATRE PRACTICE SEMINAR

3 CREDITS

This course gives students a greater appreciation of the theatrical arts through lectures, discussions and observation of professional productions. Aspects of acting, directing, producing, designing and theatre management are included. Lecture three hours per week.

### THR 108 THEATRE EXPERIENCE (IAI: F1 907)

3 CREDITS

This course provides students with a general background in theatre to increase their knowledge and appreciation of this art form. Students attend local theatre productions and view films of other productions. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

### THR 110 INTRODUCTION TO THEATRE (IAI: F1 908)

3 CREDITS

Students survey theatre history and dramatic literature. Students explore the aesthetic, social and technical development of the theatre from antiquity to the 17th Century through a selected list of plays. Lecture three hours per week. This course applies to the IAI General Education Core Curriculum Fine Arts and Humanities package.

### THR 112 THEATRE PRACTICUM

2 CREDITS

As part of the theatre curriculum, students must participate in an area of a dramatic production: house management, technical production or performance. May be taken four times for credit.

## THEATRE ARTS (CONTINUED)

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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|------------------|
| <b>THR 113</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>SUMMER THEATRE WORKSHOP</b>              | <b>2 CREDITS</b> |
| This workshop gives students academic and practical experience in the three basic theatre disciplines: theatre management, technical practice and performance. It covers in depth one genre of drama and presents at least one major production to the public during the summer workshop, exemplifying this genre. All students enrolled in this workshop participate. May be taken twice for credit.                                  |                                             |                  |
| <b>THR 125</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>FUNDAMENTALS OF ACTING (IAI: TA 914)</b> | <b>3 CREDITS</b> |
| Students explore acting methods with emphasis on basic stage technique. They dissect the role of the character in relation to the play, examine the intellectual and emotional values of the play and interpret by means of voice and action. Lecture three hours per week. This course applies to one or more IAI majors. See an Student success coach for details.                                                                   |                                             |                  |
| <b>THR 130</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>STAGE MAKEUP</b>                         | <b>2 CREDITS</b> |
| This course introduces students to makeup theory through lecture, demonstration and laboratory practice, developing proficiency in the various techniques and styles of makeup application. It emphasizes materials, color and light, character, age, race and period makeup. Lecture two hours per week.                                                                                                                              |                                             |                  |
| <b>THR 135</b>                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>STAGECRAFT (IAI: TA 911)</b>             | <b>3 CREDITS</b> |
| This course introduces students to basic techniques of theatrical production, emphasizing constructing and handling scenery, painting, stage lighting and backstage organization. Laboratory experience involves set construction and other preparations for College theatre productions. Lecture two hours, laboratory three hours per week. This course applies to one or more IAI majors. See an Student success coach for details. |                                             |                  |

## ■ WELDING

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|                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------|
| <b>WEL 101</b>                                                                                                                                                                                                                                                                                                                                                                              | <b>WELDING AND CUTTING SAFETY</b>        | <b>1 CREDIT</b>  |
| Students will learn safety standards in welding, cutting, and allied processes as described in ANSI Z49.1:2012. 1 Lecture, 0 Lab                                                                                                                                                                                                                                                            |                                          |                  |
| <b>WEL 102</b>                                                                                                                                                                                                                                                                                                                                                                              | <b>INTRODUCTION TO WELDING PROCESSES</b> | <b>3 CREDITS</b> |
| This course will focus on the science and technology of basic welding and cutting processes such as shielded metal arc welding (SMAW), gas metal arc welding (GMAW), gas tungsten arc welding (GTAW), oxy-fuel acetylene cutting (OFC) and plasma cutting. Emphasis will be placed on machine nomenclature, industry safety standards, and welding industry career trends. 2 Lecture, 2 Lab |                                          |                  |
| <b>WEL 103</b>                                                                                                                                                                                                                                                                                                                                                                              | <b>BLUEPRINTS FOR WELDERS</b>            | <b>3 CREDITS</b> |
| The fundamentals of blueprint interpretation and welding symbols will be covered. An emphasis is placed on basic blueprint interpretation, welding symbols, and sketching. 2 Lecture, 2 Lab.<br><i>Pre-requisite: MAT 100.</i>                                                                                                                                                              |                                          |                  |

## **WELDING (CONTINUED)**

|                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|
| <b>WEL 111</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>BASIC ARC WELDING/CUTTING I</b>  | <b>3 CREDITS</b> |
| <p>This course is the first half of Basic Arc Welding/Cutting. Students will learn the basic principles of shielded metal arc welding and oxy-fuel cutting. Welding instruction will be done through lecture, demonstration, and hands on learning. Students will be evaluated by the acceptance criteria set forth by the American Welding Society. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 101 or concurrent enrollment.</i></p> |                                     |                  |
| <b>WEL 112</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>BASIC ARC WELDING/CUTTING II</b> | <b>3 CREDITS</b> |
| <p>This course is a continuation of Basic Arc Welding/Cutting I. Students will continue developing shielded metal arc welding (SMAW) skills. Students will make fillet welds and then progress to single "V" groove welds in the 1G (flat) position. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 111</i></p>                                                                                                                           |                                     |                  |
| <b>WEL 121</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>ADVANCED SMAW/CUTTING I</b>      | <b>3 CREDITS</b> |
| <p>This course will cover shielded metal arc welding in the vertical position with various electrodes. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 112.</i></p>                                                                                                                                                                                                                                                                        |                                     |                  |
| <b>WEL 122</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>ADVANCED SMAW/CUTTING II</b>     | <b>3 CREDITS</b> |
| <p>An emphasis is placed on out-of-position shielded metal arc welding. Students will also learn how to properly weld transitional weld joints. Carbon arc cutting is also discussed and demonstrated. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 121.</i></p>                                                                                                                                                                        |                                     |                  |
| <b>WEL 131</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>GAS METAL ARC WELDING I</b>      | <b>3 CREDITS</b> |
| <p>This course is an introduction to gas metal arc welding (GMAW). Emphasis will be placed on welding in the flat (1G) position on carbon and stainless steels. Fillers and gases will be discussed. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 112.</i></p>                                                                                                                                                                          |                                     |                  |
| <b>WEL 132</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>GAS METAL ARC WELDING II</b>     | <b>3 CREDITS</b> |
| <p>This course is a continuation of gas metal arc welding (GMAW) I. Emphasis will be placed on modes of weld metal transfer and aluminum. Flux-core arc welding (FCAW) process will be introduced. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 131.</i></p>                                                                                                                                                                            |                                     |                  |
| <b>WEL 141</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>GAS TUNGSTEN ARC WELDING I</b>   | <b>3 CREDITS</b> |
| <p>This course will cover the basic techniques of gas tungsten arc welding (GTAW). All welding will be done in the flat and horizontal positions. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 131. Pre-requisite: WEL 112.</i></p>                                                                                                                                                                                                     |                                     |                  |
| <b>WEL 142</b>                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>GAS TUNGSTEN ARC WELDING II</b>  | <b>3 CREDITS</b> |
| <p>This course is a continuation of gas tungsten arc welding (GTAW) I. Emphasis will be placed on welding aluminum with the GTAW process. 2 Lecture, 2 Lab.</p> <p><i>Pre-requisite: WEL 141.</i></p>                                                                                                                                                                                                                                     |                                     |                  |

## **WELDING (CONTINUED)**

|                |                                                                                                                                                                                                                                                                                                                              |                  |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>WEL 211</b> | <b>PIPE WELDING I</b><br>This course is the first half of pipe welding. Students will learn the basic principles of shielded metal arc welding in an upward progression on pipe. Welding instruction will be done through lecture, demonstration, and hands-on learning. 2 Lecture, 2 Lab.<br><i>Pre-requisite: WEL 122.</i> | <b>3 CREDITS</b> |
| <b>WEL 212</b> | <b>PIPE WELDING II</b><br>This is a continuation of Pipe Welding I. Students will continue to gain knowledge of techniques used to weld 5G and 6G pipe welds using the upward progression.<br>2 Lecture, 2 Lab.<br><i>Pre-requisite: WEL 211.</i>                                                                            | <b>3 CREDITS</b> |
| <b>WEL 215</b> | <b>VISUAL INSPECTION</b><br>This course covers the fundamental techniques of visual weld inspection. American Welding Society publications, including specifications and codes are used to help students develop an understanding of visual inspection. 2 Lecture, 0 Lab.<br><i>Pre-requisite: WEL 112.</i>                  | <b>2 CREDITS</b> |
| <b>WEL 221</b> | <b>INDIVIDUAL ASSESSMENT I</b><br>A welding process and project will be selected with the welding instructor.<br>This course is for students who have completed basic welding courses that wish to focus on a particular skill. 2 Lecture, 1 Lab. 0 Lecture Hours, 4 Lab Hours.<br><i>Pre-requisite: WEL 122.</i>            | <b>2 CREDITS</b> |
| <b>WEL 222</b> | <b>INDIVIDUAL ASSESSMENT II</b><br>Students will work with the instructor to choose a hands on welding project.<br><i>Co-requisite: WEL 221.</i>                                                                                                                                                                             | <b>2 CREDITS</b> |

## This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

# CAMPUS MAP

The campus, located on 37.1 acres at 3801 S. Central Avenue in Cicero, contains five educational buildings finished in reddish-brown brick. Elevators are available for students and visitors unable to use the stairways. The architecture of the buildings blends in with the surrounding residential neighborhood.

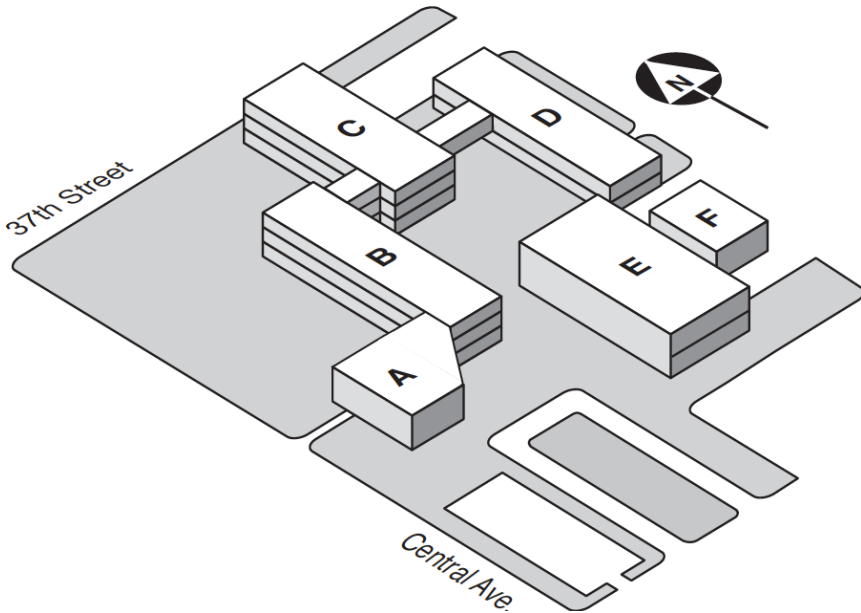
**Building A** contains the Jedlicka Performing Arts Center, which seats 350 people and is used for all performances of the theatre and music departments, large lectures and community events. Building A also contains the Cashier's Office and Financial Aid.

**Building B** contains administrative and faculty offices; Academic Advising; Admissions and Records; classrooms; and the Library. Building B also contains Adult Education, Community Programming and Outreach.

**Building C** contains administrative and faculty offices including Adult Education, Community Programming and Outreach; the Business Office; the Cafeteria; Campus Safety; classrooms and laboratories; the Student Success Center, the Testing Center, the Student Activities Office, Student Union, Tutoring Center and Transfer Services.

**Building D** contains art classrooms and studios; automotive technology classrooms and laboratories; a drafting and computer-assisted design classroom; faculty offices; a heating and air conditioning laboratory; the Physical Plant Office; and the Child Care Center.

**Building E** contains the Henry J. Vais Gymnasium, which is capable of seating up to 1,000 people. It also is equipped with a fitness center and a multipurpose loft.



# DIRECTORY

|         |                   |
|---------|-------------------|
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| 298-299 | Administration    |
| 299-302 | Full-Time Faculty |
| 302-304 | Faculty Emeritus  |
| 304-307 | Staff             |

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**SEAN LAMAR HUDSON**

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## FULL TIME FACULTY

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## FULL-TIME FACULTY (CONTINUED)

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Wellness  
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## FULL-TIME FACULTY (CONTINUED)

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MFA: Indiana University – Bloomington

### **NATHAN RIEMER**

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EdM: Harvard University

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MA: University of Westminster (UK)  
PhD: University of Murcia (Spain)

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CAD Technology  
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MBA: Keller Graduate School

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## FULL-TIME FACULTY (CONTINUED)

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MA: McNeese State University

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MA: Eastern Illinois University

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Biology  
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**DONALD SYKORA**

Automotive Technology  
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**RYAN TOMCHEK**

Mathematics  
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AS: Moraine Valley Community College

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BUS/CIS/CPS  
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MBA: Keller Graduate School

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Behavioral Sciences  
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MA: University of Illinois

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Language Arts  
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## FACULTY EMERITUS

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Language Arts  
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BA: Western Illinois University  
MS: Northern Illinois University

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Fine Arts  
MA, MFA: Northern Illinois University

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Language Arts  
BA: University of Illinois  
MS: Northern Illinois University

## FACULTY EMERITUS (CONTINUED)

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Life Sciences

BS, MS: University of Illinois

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Early Childhood Education

BA: Roosevelt University

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**SANDRA E. DELIMATA**

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BS: Northern Illinois University

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Business Education

BS: St. Joseph College

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Behavioral Sciences

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MA: Governors State University

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**FRED JAWORSKI**

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NIASE, Certified Automotive Technician

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Mathematics

MA: University of Wisconsin

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Music

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Language Arts

BA, MFA: Columbia College

EdD: Northern Illinois University

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MS: University of Maryland

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Language Arts

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MA: DePaul University

MA: Roosevelt University

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Heating, Ventilation and Air Conditioning

AAS: Morton College

IOE: Certification

**MICHELE D. MOHR**

Language Arts

BA, MA: DePaul University

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Therapeutic Massage

ADN: College of DuPage

BA: Elmhurst College

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Speech & Theatre Arts

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## FACULTY EMERITUS (CONTINUED)

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## STAFF (CONTINUED)

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