

Associate Transfer Programs

CLC's associate transfer programs allows students to transfer to schools throughout Illinois and across the United States.

In general, reports from state universities indicate that CLC transfer students generally perform as well as, or better than, students who begin their studies at four-year schools. Moreover, a five-year longitudinal study of students transferring from two-year colleges to four-year colleges and universities in Illinois revealed that students who transferred with an Associate in Arts or Associate in Science degree earn higher grade point averages and have higher completion rates than students who transfer without a degree. Almost seventy percent of the AA/AS degree students had graduated or were still enrolled at the end of the study with an average GPA of 2.81. Only fifty-two percent of those who transferred without a degree had graduated or were still enrolled with an average GPA of 2.58. The Illinois Community College Board released the study in 1986.

The College of Lake County successfully prepares students for higher level courses. Students enjoy their programs at CLC and successfully transfer their credits to four-year schools. This is especially true for students who earn an Associate Transfer Degree. CLC provides the Associate in Arts, Associate in Arts in Teaching, the Associate in Science, the Associate in Engineering Science, and the Associate in Fine Arts degrees to individuals interested in pursuing a baccalaureate degree at a senior college or university. The degree the student chooses to pursue should be based on the student's proposed major at the transfer institution. To ensure full transferability of coursework, students should work with an advisor who will assist with verifying degree requirements for the specific senior college or university of the student's choice.

The Illinois Articulation Initiative — IAI

This initiative is limited to students who are first time college students since 1998.

What is the "IAI"?

The IAI is a statewide agreement that allows transfer of the completed Illinois General Education Core Curriculum between participating institutions. The 60 credits needed for the Associate in Arts, Associate in Arts-Secondary Mathematics and the Associate in Science Degree contain the General Education Core. Completion of the transferable General Education Core Curriculum at any participating college or university in Illinois assures transferring students that lower-division general education requirements for an associate degree have been satisfied.

How does IAI work?

As part of each CLC transfer degree program, students are required to take "general education" courses in the following areas: Communications, Mathematics, Humanities/Fine Arts, Physical/Life Sciences and Social/Behavioral Sciences. To complete the IAI, students will take a core of 37-41 credit hours selected from designated courses at CLC covering the

five general education areas. After completing the required 37-41 credit hours, students will have completed the IAI General Education Core Curriculum (IAI GECC). Some CLC courses share an IAI number. Please note: When selecting courses for the IAI core, students must be sure that the IAI number (printed in bold) is only used ONE time.

Below is a list of CLC courses that share an IAI number. Each of the following IAI numbers may only be used one time in the core. You may take a second course with a matching IAI number as an ELECTIVE.

- **F2 900:** ART 121; HUM 125
- **F2 902:** ART 241; ART 242
- **F2 909:** HUM 222, HUM 223
- **H1 900:** ARA 222; CHI 222; FRN 222, 223, 224; GER 222, 223, 224; ITL 222, 223, 224; JPN 222; RUS 222; SPA 222, 223, 224
- **H3 911D:** ENG 129, ENG 247
- **H4 906:** HUM 127; PHI 122
- **P1 902L:** CHM 120, CHM 121
- **S4 900N:** GEG 122, GEG 123

IAI approved courses are subject to change. You may verify by one of the following: see your major advisor or a counselor or view www.iTransfer.org.

How does the IAI General Education Core Curriculum (GECC) fit an Associate degree?

For students who are working on an AA, AAT-MATH or AS degree at CLC, the GECC will meet general education requirements. Students will need to complete the remaining hours of general electives (the academic courses for the designated/intended major) to complete the degree.

Why should students complete the IAI General Education Core Curriculum?

With the IAI GECC completed, students may transfer the core (with or without an AA/AAT-MATH/AS degree) to any participating Illinois college/university. General education requirements will be considered met, unless there are mission directed courses required in the general education at the transfer institution.

Won't general education courses transfer anyway?

Most CLC courses will meet the requirements at the four-year college or university, however, many of the colleges and universities evaluate your transcripts on a course-by-course basis, and some courses may not count towards the transfer school program. With the GECC, students meet the general education core at participating schools.

How can transfer students meet junior status?

To achieve junior status at a four-year college or university, transfer students need 60 transferable hours. Those students completing the IAI GECC and the CLC AA, AAT-MATH or AS will be juniors. If students choose to transfer with the 37-41 hour GECC completed, they will be ready to focus on the academic major courses at the transfer college or university.

Continued on following page.

Programs of Instruction and Graduation Requirements

Continued from previous page.

What should students do when they have completed the GECC?

Once the General Education Core Curriculum (GECC) is completed, students must request CLC Admissions to do an audit of the GECC. The credit evaluators will review transcripts to verify that all necessary courses have been taken and will then indicate on your transcript that the IAI GECC is complete.

A few additional notes:

- Talk with an advisor or counselor about the IAI and how it can work for you.
- A list of participating colleges and universities is posted outside of the Counseling Office (C-110 at Grayslake and L-205 at Lakeshore). The list is not published in the CLC catalog because it is subject to change. To plan CLC courses to fit the IAI, go to the IAI website at www.itransfer.org, select "Gen. Ed" on the homepage, then select the link for the "Student Planning Worksheet."

Transfer Courses of Study

For those students who have decided upon a major which they will pursue at the senior institution, courses of study relating to a variety of Baccalaureate majors can be found beginning on page 49. These listings are provided as a guide for students.

Career Programs

The College of Lake County offers the Associate in Applied Science degree and career certificates for students desiring to pursue employment in a specialized field. Obtaining this degree or certificate depends on the successful completion of requirements for a specific career program. College of Lake County career programs and their requirements are listed on pages 99-164.

CLC Career Programs

Business Operations

- Accounting
- Administrative Office Systems
- Computer Information Systems
- Food Service-Culinary Arts
- Food Service-Food Service Management
- Information Processing Specialist
- Microcomputers for Business
- Paralegal Studies
- Professional Cook
- Web Programming

Business, Sales, and Management

- Business Management, Supervision
- Business Management, Marketing
- Small Business Management

Creative Communications

- Internet Communications
- Multimedia Communications
- Multimedia Presentations
- Professional Technical Communication
- Technical Communication
- Web Development

Health Sciences

- Certified Nurse Assisting
- Dental Hygiene
- Emergency Medical Technology
- Health Information Technology
- Medical Billing Specialist
- Medical Imaging (Radiography)
- Medical Transcription
- Nursing (Registered)
- Phlebotomy Technician
- Surgical Technology

Natural Sciences

- Horticulture

Social and Personal Services

- Criminal Justice
- Early Childhood Education
- Emergency and Disaster Management
- Human Services Program - Adult
- Human Services Program - Exceptional Child
- Human Services Program - Alcohol, Substance Abuse and Addictive Disorders
- Library Technical Assistant

Trades, Crafts, and Industries

- Automotive Collision Repair
- Automotive Technology
- Basic Machining
- Computerized Numerical Control Programming
- Construction Management Technology
- Electrical/Electronic Maintenance
- Electrician Apprenticeship
- Industrial Maintenance and Repair
- Machine Tool Trades
- PC Technician
- Refrigeration and Air Conditioning
- Tool and Mold Maker
- Welding

Technologies

- Architectural Technology
- CAD-Drafting Technology
- Civil Technology
- Cisco Networking
- Electronics Engineering Technology
- Electronic Information Technology
- Electronic System Technology
- Fire Science Technology
- Mechanical Engineering Technology

Programs of Instruction and Graduation Requirements

Joint Agreement Programs

Students interested in joint agreement programs should contact the CLC Office of the Assistant Vice President, Educational Affairs, (847) 543-2412, for program information and authorization to register at the appropriate school.

Classes in these programs are held at the sponsoring institution, not at CLC.

College of Dupage (630) 942-2800
Glen Ellyn, Illinois
Travel and Tourism (Certificate)

Elgin Community College (847) 697-1000
Elgin, Illinois
Dental Assisting (Certificate)
Personal Trainer (Certificate)
Thermoplastics Injection Molding (Certificate)
Truck Driving (Certificate)
Any GS or Adult Education Course

Gateway Technical College (262) 564-2200
Kenosha, Wisconsin
Aeronautics-Pilot Training (AAS)
Air Frame & Power Plant Mechanic (DIP)
Automated Manufacturing Systems Technician (AAS)
Barber/Cosmetologist (DIP)
Dental Assistant (DIP)
Electromechanical Technology (AAS)
Fluid Power Maintenance (AAS & DIP)
Fluid Power Technology (AAS & DIP)
Graphic Technologies – Designer (AAS)
Health Unit Coordinator (DIP)
Hotel/Hospitality Management (AAS)
Interior Design (AAS)
Interpreter Training (AAS)
Office Systems Technology – Legal Secretary (AAS)
Materials Management (AAS)
Medical Assistant (DIP)
Physical Therapist Assistant (AAS)
Plastics Manufacturing (AAS)
Practical Nursing (Certificate)
Quality Assurance Technician (AAS)
Radio Broadcasting Technician (AAS)
Surgical Technician (DIP)

William Rainey Harper College (847) 925-6000
Palatine, Illinois
Bread & Pastry Arts (Certificate)
Building Codes & Enforcement (Certificate)
*Cardiac Technology (AAS)
Cert. Professional Secretary (Certificate)
*Diagnostic Medical Sonography (AAS & Certificate)
Dietetic Technician (AAS)
Fashion Design (AAS & Certificate)
Fashion Merchandising (AAS)
Financial Institute Management (AAS)
Financial Management (Certificate)
Financial Services:
Commercial Credit Management Specialist (AAS)

Finance Specialty (AAS)
Real Estate Brokers License Prep.
Real Estate Specialty (AAS)
Industrial & Retail Security (AAS)
Interior Design (AAS)
Law Office Administrative Assistant (AAS & Certificate)
Materials/Logistics Management (AAS & Certificate)
Medical Office Assistant (AAS)
Operating Room Nurse (Course LLH067)
Sign Language Interpreting (Certificate)
*Vascular Technology (Certificate)

McHenry County College (815) 455-3700
Crystal Lake, Illinois
Developmental Disability Aide (Certificate)
** Emergency Medical Technician – Paramedic (AAS)
Early Childhood Education
(12 hr. Certificate & 32 hr. Certificate)
Entrepreneurship (Certificate)
Firefighter II (Certificate)
Fitness Instructor Technology (Certificate)
Manufacturing Management (AAS)
Manufacturing Supervision (Certificate)
Real Estate (AAS)
Real Estate Appraisal (Certificate)
Any GS or Adult Education Course

Oakton Community College (847) 635-1600
Des Plaines, Illinois
Architecture Courses (not offered at CLC)
Desktop Design (AAS)
Financial Services (AAS & Certificate)
Graphic Design (AAS)
Medical Laboratory Technology
Network Administration (Certificate)
* Physical Therapist Assistant (AAS)
Real Estate Appraisal (Certificate)
Real Estate (AAS)

Lincoln Land Community College (217) 786-2200
Springfield, Illinois
Air Frame and Power Plant Mechanics (AAS)

Triton College (708) 456-0300
River Grove, Illinois
Respiratory Care (AAS)

* Students must show acceptance into the program *before* the joint agreement will be issued.
** Program available to students residing in College of Lake County district who need to complete the Emergency Medical Technician Certificate or Paramedic Certificate through fire departments within the Northern Illinois Medical Center Service area.

Programs of Instruction and Graduation Requirements

Residents of other communities

The following programs (certificates and associate degree) are available at CLC for in-district tuition rates to the residents of specified Illinois community college districts upon presentation of a Joint Agreement Authorization form obtained at the home district college. Gateway Technical College residents will be assessed a slightly higher tuition rate upon presentation of the Joint Agreement Authorization.

Elgin Community College residents:

- Architectural Technology (AAS and Certificate)
- Civil Technology (AAS and Certificate)
- Computed Tomography (Certificate)
- Construction Management Technology (AAS and Certificate)
- * Health Information Technology (AAS)
- Library Technical Assistant (AAS and Certificate)
- Magnetic Resonance Imaging (Certificate)
- * Medical Imaging (AAS)

Gateway Technical College residents:

- Automotive Collision Repair (Certificate)
- Civil Technology-Environmental Option (AAS)
- Computed Tomography (Certificate)
- Electrician Apprenticeship (AAS)
- Human Services ASAAD (AAS)
- Machine Tool Trades (AAS)
- Magnetic Resonance Imaging (Certificate)
- * Medical Billing Specialist (Certificate)
- * Medical Imaging (AAS)
- Tool & Moldmaker (Certificate)

McHenry County College residents:

- Architectural Technology (AAS and Certificate)
- Automotive Collision Repair (Certificate)
- Civil Technology (AAS and Certificate)
- CNC Programming (AAS and Certificate)
- Computed Tomography (Certificate)
- Construction Management Technology (AAS and Certificate)
- * Dental Hygiene (AAS)
- EKG Interpretation (Course VALH 7)
- Electrical/Electronic Maintenance (Certificate)
- Electrician Apprenticeship (AAS)
- Emergency Medical Technician-Paramedics (AAS)
- Fire Science (AAS)
- Food Service Management (AAS)
- 12 Lead ECG Interpretation (Course VALH 9)
- * Health Information Technology (AAS)
- Human Services and ASAAD Option (AAS and Certificate)
- Industrial Maintenance and Repair (AAS and Certificate)
- Library Technical Assistant (AAS and Certificate)
- Machine Tool Trades (AAS and Certificate)
- * Magnetic Resonance Imaging (Certificate)
- * Medical Billing Specialist (Certificate)
- * Medical Imaging (AAS)
- * Nursing (AAS)

- * Phlebotomy Technician (Certificate)
- Refrigeration/Air Conditioning (AAS and Certificates)
- Surgical Technology (Certificate)
- Technical Communication (AAS and Certificate)
- Welding (Certificates)

Oakton Community College residents:

- Architecture courses (Not offered at Oakton)
- Automotive Collision Repair (Certificate)
- Computed Tomography (Certificate)
- Food Service/Culinary Arts (Certificate)
- Horticulture (AAS and Certificates)
- Human Services ASAAD Option (AAS)
- Library Technical Assistant (AAS and Certificate)
- Magnetic Resonance Imaging (Certificate)
- Surgical Technology (Certificate)
- Welding (Certificates)

William Rainey Harper College residents:

- Automotive Collision Repair (Certificate)
- Automotive Technology (AAS and Certificates)
- Civil Technology (AAS and Certificate)
- Computed Tomography (Certificate)
- Construction Management Technology (AAS and Certificate)
- * Health Information Technology (AAS)
- Human Services (AAS and Certificates)
- Industrial Maintenance and Repair (AAS and Certificate)
- Library Technical Assistant (AAS and Certificate)
- Magnetic Resonance Imaging (Certificate)
- * Medical Imaging (AAS)
- Rehabilitation Nursing (Course VALH 8)
- Technical Communication (AAS and Certificate)
- Tool & Moldmaker (Certificate)
- Welding (Certificates) WLD 170 not included

Triton College residents:

- Phlebotomy Technician (Certificate)

* Students must show acceptance into the program *before* the joint agreement will be issued.

Graduation Requirements for Associate in Arts, Associate in Arts in Teaching, Associate in Science, Associate in Engineering Science, and Associate in Fine Arts Degrees

Petition for Graduation

All students who intend to receive a degree or certificate must complete a Petition for Graduation. Students must meet the general requirements for associate degrees and must successfully complete the specific General Education Requirements as defined by CLC's catalog at the time they are first enrolled, or at the time they petition for graduation.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

General Requirements for Associate Degrees

1. The satisfactory completion of the maximum number of credit hours for the each respective degree (A.A., A.A.T., A.S., A.E.S. and A.F.A.).
2. Completion of at least 15 of the last 30 semester hours of instruction while in attendance at the College of Lake County. (Does not include credit earned by examination or transfer.) Servicemembers and their spouses enrolled in the Servicemember's Opportunity College Program and Navy personnel enrolled in the Navy Campus for Achievement Program may meet the graduation requirements regarding semester hours at the College by completing a minimum of 15 semester hours, if his or her active duty assignment takes him or her to a base preventing his or her attendance at College of Lake County courses.
3. The maintenance of a C (2.00) average for all work at CLC used to compute the grade point average.
4. Compliance with the requirement regarding the Constitution Examination (Senate Bill 195 of the 68th General Assembly of the State of Illinois) by any one of the following means:
 - a. Passing the College of Lake County proficiency examination covering the Constitution of the United States and the State of Illinois and the proper use and display of the American flag.
 - b. Passing Political Science 121 or History 221 at CLC.
 - c. Presenting an official Illinois high school transcript which clearly gives evidence that this requirement was satisfied for high school graduation.
 - d. Completing the requirement at another institution of higher education in the State of Illinois.
5. The satisfactory completion of the General Education Requirements for the appropriate degree.

Special Notations for Associate Degree Requirements

- A. General Education Requirements must be fulfilled with middle digit 2, 4, or 6 courses, e.g. ENG 121. Exception up to six hours of courses with an odd middle-digit (1-3-5-7-9) may be used as general electives in the degree. However, students should select these courses only after they have verified their transferability with their advisor or the transfer institution.
- B. One course in International/Multicultural Education must be taken from the following list.

Humanities & Fine Arts

ARA (Any course)	HUM 121
ART 240	HUM 122
ART 241	HUM 124
ART 242	HUM 128
CHI (Any course)	HUM 129
CMM 127	HUM 221
ENG 128	HUM 223
ENG 129	HUM 226
ENG 228	ITL (Any course)
ENG 244	JPN (Any course)
ENG 246	PHI 123
ENG 247	PHI 125
ENG 263	PHI 126
ENG 264	PHI 129
FRN (Any course)	PHI 221
GER (Any course)	RUS (Any course)
	SPA (Any course)

Social & Behavioral Science

ANT 121	HST 124
ANT 221	HST 126
ANT 222	HST 127
ANT 228	HST 240
ECO 225	HST 241
GEG 122	PSC 221
GEG 123	PSC 222
GEG 223	
HST 121	
HST 122	
HST 123	

Business

BUS 270

The course taken to fulfill the International/Multicultural Education requirement will count toward the Humanities and Fine Arts, or Social and Behavioral Science general education requirement.

- C. Except for the International/Multicultural Education requirement, no course may be used to satisfy more than one general education requirement.
- D. No more than four credit hours earned in PDS 120 or PDS 121 may count as elective credit.
- E. The following courses cannot be used to satisfy degree requirements and do not count in the grade point average.
 - a. Courses with a middle digit of 0, (e.g. ENG 108, ENG 109, and MTH 101).
 - b. Adult Education courses with a department prefix of ABE, ADE, ESL, GED, or VST.
 - c. General Studies courses.
- F. Under special circumstances, exceptions will be made on an individual basis. Course substitution forms should be directed to the Assistant Vice President of Educational Affairs.

General Education Learning Outcomes

The goal of General Education is to prepare students to live responsible, productive, and creative lives. The General Education curriculum provides students with specific knowledge and skills and helps them develop commitments to lifelong learning, to a clear understanding of their relationships with nature and the larger social world, and to diligent cultivation of personal qualities such as fairness, civility, cooperation, curiosity, and open-mindedness. These broad, general habits of mind and proficiencies are developed by completing course work across the curriculum: communication arts, mathematics, humanities and fine arts, physical and life sciences, and social and behavioral sciences.

Students who successfully complete a degree at College of Lake County will exhibit competency in the following *learning outcomes*:

- **Critical Thinking:** use scientific methods and other modes of inquiry to define problems; access, evaluate, integrate, and document information; and develop logical arguments with evidence
- **Communication:** present information and ideas effectively in various contexts and formats (written and oral)
- **Quantitative Literacy:** use appropriate quantitative methods to compute, reason, and solve problems
- **Social and Cultural Awareness:** evaluate and interpret artistic, cultural, historical, and scientific events, texts, and trends within a global context.
- **Technical and Information Literacy:** use contemporary technology and information literacy skills appropriately and effectively to support academic and job-related tasks.
- **Reading:** read critically using appropriate strategies.

The emphasis and number of hours devoted to these learning outcomes varies significantly based on the type of degree. Accordingly, degree-specific criteria will be established to assess general education learning outcomes for the student population on an ongoing basis. The results of assessment will be used to improve instruction, curriculum, and, ultimately, student learning.

Associate in Arts Degree Plan 13AB

Students may obtain an Associate in Arts degree from the College of Lake County by successfully completing the 60 credits outlined below and by meeting the graduation requirements listed on page 49.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

The College of Lake County is a participant in the Illinois Articulation Initiative (IAI). This is a program to ease the transfer for students from 2-year or 4-year colleges/universities to 4-year college/universities in Illinois. The 60 credits needed for the Associate in Arts degree contain the IAI core. For more information see pages 45-46. This initiative is limited to students who are first-time college students since May 1998. *The IAI course numbers are in bold (e.g. C1 900); you must not select two courses with the same IAI course number.*

It is important to meet with an advisor to update your educational plan. Please check the courses you complete each term to assist you in this process.

Courses with the same IAI numbers are identified with an asterisk next to the course number. Only one course with the same IAI number may be used for the degree core.

Communication - 9 credit hours

A grade of C or better is required for both ENG courses.

- CMM 121 Fundamentals of Speech (3) **C2 900**
- ENG 121 English Composition I (3) **C1 900**
- ENG 122 English Composition II (3) **C1 901 R**
or
- ENG 126 Advanced Composition:Scientific and Technical Communications (3) **C1 901 R**

Mathematics - 3 credit hours

- MTH 127 Finite Mathematics I (3) **M1 906**
- MTH 141 Quantitative Literacy (3) **M1 901**
- MTH 145 Calculus and Analytic Geometry I (5) **M1 900-1**
- MTH 146 Calculus and Analytic Geometry II (4) **M1 900-2**
- MTH 221 Mathematics for Elementary Teaching II (3) **M1 903**
- MTH 222 Elementary Statistics (4) **M1 902**
- MTH 224 Calculus for Business and Social Science (4) **M1 900-B**
- MTH 244 Discrete Mathematics (3) **M1 905**
- MTH 246 Calculus and Analytic Geometry III (4) **M1 900-3**

Humanities and Fine Arts - 9 credit hours

- At least one course must be selected from the Humanities section and one course from the Fine Arts section.

Humanities

- ARA 222*+ Intermediate Modern Standard Arabic II (4) **H1 900**
- CHI 222*+ Intermediate Chinese II (4) **H1 900**
- ENG 129*+ Women In Literature (3) **H3 911D**
- ENG 223 Survey of Major American Writers (3) **H3 914**
- ENG 225 Major Trends and Authors of English Literature (3) **H3 912**
- ENG 226 Modern English Literature (3) **H3 913**
- ENG 227 Introduction to Shakespeare (3) **H3 905**
- ENG 228+ World Literature (3) **H3 906**
- ENG 229 20th Century American Literature (3) **H3 915**
- ENG 241 Introduction to Poetry (3) **H3 903**
- ENG 243 Introduction to Fiction (3) **H3 901**
- ENG 244+ Mythology and Fairy Tales (3) **H9 901**
- ENG 246+ Latin American Writers (3) **H3 908N**
- ENG 247*+ International Women Writers (3) **H3 911D**
- FRN 222*+ Intermediate French II (4) **H1 900**
- FRN 223*+ French Civilization I (3) **H1 900**
- FRN 224*+ French Civilization II (3) **H1 900**
- GER 222*+ Intermediate German II (4) **H1 900**
- GER 223*+ German Civilization I (3) **H1 900**
- GER 224*+ German Civilization II (3) **H1 900**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 127* Critical Thinking (3) **H4 906**
- HUM 128+ Introduction to Middle-Eastern Civilizations (3) **H2 903 N**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 226+ Women and the Arts (3) **HF 907D**
- ITL 222*+ Intermediate Italian II (4) **H1 900**
- ITL 223*+ Italian Civilization I (4) **H1 900**

Humanities continued on next page.

Programs of Instruction and Graduation Requirements

Associate in Arts Degree continued

- ITL 224*+ Italian Civilization II (4) **H1 900**
- JPN 222*+ Intermediate Japanese II (4) **H1 900**
- PHI 121 Introduction to Philosophy (3) **H4 900**
- PHI 122* Logic (3) **H4 906**
- PHI 123+ Philosophy of Religion (3) **H4 905**
- PHI 125+ Introduction to Ethics (3) **H4 904**
- PHI 126+ World Religions (3) **H5 904N**
- PHI 221+ Asian Philosophy (3) **H4 903N**
- RUS 222*+ Intermediate Russian II (4) **H1 900**
- SPA 222*+ Intermediate Spanish II (4) **H1 900**
- SPA 223*+ Spanish Civilization I (3) **H1 900**
- SPA 224*+ Spanish Civilization II (3) **H1 900**

* The following Humanities courses have duplicate IAI numbers. Only one course with the same IAI number may be applied to the degree core. **H1 900** – ARA 222, CHI 222, FRN 222, FRN 223, FRN 224, GER 222, GER 223, GER 224, ITL 222, ITL 223, ITL 224, JPN 222, RUS 222, SPA 222, SPA 223, SPA 224; **H3 911 D** – ENG 129, ENG 247; **H4 906** – HUM 127, PHI 122

Fine Arts

- ART 121* Introduction to Art (3) **F2 900**
- ART 240+ History of Art I (3) **F2 901**
- ART 241*+ History of Art II (3) **F2 902**
- ART 242*+ History of Art III (3) **F2 902**
- ART 260 History of Photography (3) **F2 904**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 123 Introduction to Film (3) **F2 908**
- HUM 125* Introduction to Fine Arts I (3) **F2 900**
- HUM 126 Introduction to the Performing Arts (3) **F9 900**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 222* Film and Society (3) **F2 909**
- HUM 223*+ Introduction to International Film (3) **F2 909**
- HUM 225 The Art of Dance (3) **F1 906**
- HUM 226+ Women and the Arts (3) **HF 907 D**
- MUS 124 Introduction to Music (3) **F1 900**
- MUS 224 Music Literature (3) **F1 902**
- THE 121 Introduction to Theater I (3) **F1 907**

* The following Fine Arts courses have duplicate IAI numbers. Only one course with the same IAI number may be applied to the degree core. **F2 900** – ART 121, HUM 125; **F2 902** – ART 241, ART 242; **F2 909** – HUM 222, HUM 223

Physical and Life Sciences -7 credit hours

- One course must be selected from Physical Science and one course from Life Science
- At least one course must be a laboratory science course (LAB).

Physical Science

- AST 121 (LAB) Introduction to Astronomy (4) **P1 906L**
- CHM 120 (LAB) Chemical Concepts (4) **P1 902L**
- CHM 121 (LAB) General Chemistry I (5) **P1 902L**
- GEG 121 Physical Geography (3) **P1 909**
- GEO 120 (LAB) Earth Science (4) **P1 905L**
- GEO 121 (LAB) Physical Geology (4) **P1 907L**
- GEO 124 Oceanography (3) **P1 905**
- GEO 224 Environmental Geology (3) **P1 908**
- PHY 120 (LAB) Practical Aspects of Physics (4) **P1 901L**
- PHY 121 (LAB) General Physics I (5) **P1 900L**
- PHY 123 (LAB) Physics for Science and Engineers (5) **P2 900L**

Life Science

- BIO 120 (LAB) Environmental Biology (4) **L1 905L**
- BIO 121 (LAB) General Biology I (4) **L1 900L**
- BIO 127 Introduction to Evolution (3) **L1 907**
- BIO 140 Environmental Issues (3) **L1 905**

Social and Behavioral Sciences - 9 credit hours

- Courses must be selected from at least two different disciplines i.e. have different prefixes.

- ANT 121+ Introduction to Anthropology (3) **S1 900N**
- ANT 221+ Cultural Anthropology (3) **S1 901N**
- ANT 222+ Introduction to Physical Anthropology (3) **S1 902**
- ANT 224 Introduction to Archaeology (3) **S1 903**
- ANT 228+ Cross-Cultural Relationships (3) **S1 904D**
- ECO 221 Principles of Macroeconomics (3) **S3 901**
- ECO 222 Principles of Microeconomics (3) **S3 902**
- GEG 122*+ Cultural Geography (3) **S4 900N**
- GEG 123*+ World Regional Geography (3) **S4 900N**
- HST 121+ History of Western Civilization I (3) **S2 902**
- HST 122+ History of Western Civilization II (3) **S2 903**
- HST 126+ History of Contemporary Non-Western Civilization (3) **S2 905N**
- HST 127+ History of Chinese Culture and Society (3) **S2 914N**
- HST 221 United States History to 1876 (3) **S2 900**
- HST 222 United States History 1876 to Present (3) **S2 901**
- PSC 121 American National Politics (3) **S5 900**
- PSC 122 State and Local Politics (3) **S5 902**
- PSC 221+ Comparative Political Systems (3) **S5 905**
- PSC 222+ International Relationships (3) **S5 904N**
- PSY 121 Introduction to Psychology (3) **S6 900**

Social and behavioral sciences continued on next page.

Programs of Instruction and Graduation Requirements

Associate in Arts Degree continued

- PSY 222 Child Growth and Development (3) **S6 903**
- PSY 225 Social Psychology (3) **S8 900**
- PSY 226 Adolescent Psychology (3) **S6 904**
- SOC 121 Introduction to Sociology (3) **S7 900**
- SOC 222 Social Problems (3) **S7 901**
- SOC 224 Sociology of the Family (3) **S7 902**
- SOC 225 Class, Race and Gender (3) **S7 904D**

* The following Social and Behavioral Science courses have duplicated IAI numbers. Only one course with the same IAI number may be applied to the degree core.
S4 900N – GEG 122, GEG 123

Notes:

Additional College AA Degree Requirements

- + Include one course in International/Multicultural Education which must be taken from the list on page 68.

General Elective hours - 23 credit hours

- Choose elective courses with an *even middle digit* that relate to your intended major. Students should choose electives only after consulting with an advisor. NUR 110 cannot be used to meet the general elective requirements for the A.A. degree.
- **Exception:** Up to six hours of courses with an odd middle digit (1-3-5-7-9) may be used as general electives in the degree. All 199 courses are exempt from this rule. However, students should select these courses only after they have verified their transferability with their advisor or the transfer institution.

Total Degree Requirements: 60 credit hours

Please review lists of recommended courses for individual programs of study as listed on pages 71-97 in this catalog.

Other Graduation Requirements:

- Constitution Requirements (recommended methods:
Illinois high school transcript showing a graduation date of 1953 or later, proficiency exam, or successful completion of PSC 121 or HST 221 at CLC)
- Cumulative CLC GPA of 2.00 or higher
- Minimum of 15 of last 30 hours at CLC
- Petition to Graduate (available in Admissions and Records)

Programs of Instruction and Graduation Requirements

Associate in Arts in Teaching Secondary Mathematics Degree Plan 17AB

Students may obtain an Associate of Arts in Teaching (Secondary Mathematics) degree from the College of Lake County by successfully completing the 62 credits outlined below and by meeting the graduation requirements listed on page 49.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

The College of Lake County is a participant in the Illinois Articulation Initiative (IAI). This is a program to ease the transfer for students from 2- year or 4-year colleges/ universities to 4-year colleges/universities in Illinois. The 62 credit hours needed for the AAT Degree contain the IAI core. For more information, see pages 45-46. This initiative is limited to students who are 1st time college students since May 1998. *The IAI course numbers are in bold (e.g. C1 900); you must not select two courses with the same IAI course number.*

It is important to meet with an advisor to update your educational plan. Please check the courses you complete each term to assist you in this process.

Courses with the same IAI numbers are identified with an asterisk next to the course number. Only one course with the same IAI number may be used for the degree core.

Communication - 9 credit hours

A grade of C or better is required for both ENG courses.

- CMM 121 Fundamentals of Speech (3) **C2 900**
- ENG 121 English Composition I (3) **C1 900**
- ENG 122 English Composition II (3) **C1 901 R**
- or*
- ENG 126 Advanced Composition:Scientific and Technical Communications (3) **C1 901 R**

Mathematics - 16 credit hours

- MTH 145 Calculus and Analytic Geometry I (5) **M1 900-1**
- MTH 146 Calculus and Analytic Geometry II (4) **M1 900-2**
- MTH 225 Linear Algebra (3)
- MTH 246 Calculus and Analytic Geometry III (4) **M1 900-3**

Computer Science - 3 credit hours

- MCS 140 Computer Programming I (3)

Humanities and Fine Arts - 9 credit hours

- PHI 122 Logic (3) **H4 906**

- Two other courses from the lists below must be completed. One course must be selected from the Humanities section and one course from the Fine Arts section.

Humanities - 3 credit hours minimum

- ARA 222+ Intermediate Modern Standard Arabic II (4) **H1 900**
- CHI 222+ Intermediate Chinese II (4) **H1 900**
- ENG 129+ Women In Literature (3) **H3 911D**
- ENG 223 Survey of Major American Writers (3) **H3 914**
- ENG 225 Major Trends and Authors of English Literature (3) **H3 912**
- ENG 226 Modern English Literature (3) **H3 913**
- ENG 227 Introduction to Shakespeare (3) **H3 905**
- ENG 228+ World Literature (3) **H3 906**
- ENG 229 20th Century American Literature (3) **H3 915**
- ENG 241 Introduction to Poetry (3) **H3 903**
- ENG 243 Introduction to Fiction (3) **H3 901**
- ENG 244+ Mythology and Fairy Tales (3) **H9 901**
- ENG 246+ Latin American Writers (3) **H3 908N**
- ENG 247+ International Women Writers (3) **H3 911D**
- FRN 222+ Intermediate French II (4) **H1 900**
- FRN 223+ French Civilization I (3) **H1 900**
- FRN 224+ French Civilization II (3) **H1 900**
- GER 222+ Intermediate German II (4) **H1 900**
- GER 223+ German Civilization I (3) **H1 900**
- GER 224+ German Civilization II (3) **H1 900**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 127 Critical Thinking (3) **H4 906**
- HUM 128+ Introduction to Middle-Eastern Civilizations (3) **H2 903 N**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 226+ Women and the Arts (3) **HF 907D**
- ITL 222+ Intermediate Italian II (4) **H1 900**
- ITL 223+ Italian Civilization I (4) **H1 900**
- ITL 224+ Italian Civilization II (4) **H1 900**
- JPN 222+ Intermediate Japanese II (4) **H1 900**
- PHI 121 Introduction to Philosophy (3) **H4 900**
- PHI 123+ Philosophy of Religion (3) **H4 905**
- PHI 125+ Introduction to Ethics (3) **H4 904**
- PHI 126+ World Religions (3) **H4 904N**
- PHI 221+ Asian Philosophy (3) **H4 903N**
- RUS 222+ Intermediate Russian II (4) **H1 900**
- SPA 222+ Intermediate Spanish II (4) **H1 900**
- SPA 223+ Spanish Civilization I (3) **H1 900**
- SPA 224+ Spanish Civilization II (3) **H1 900**

Continued on next page.

Programs of Instruction and Graduation Requirements

Associate in Arts in teaching Secondary Mathematics Degree continued

Fine Arts - 3 credit hours minimum

- ART 121 Introduction to Art (3) **F2 900**
- ART 240+ History of Art I (3) **F2 901**
- ART 241+ History of Art II (3) **F2 902**
- ART 242+ History of Art III (3) **F2 902**
- ART 260 History of Photography (3) **F2 904**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 123 Introduction to Film (3) **F2 908**
- HUM 125 Introduction to Fine Arts I (3) **F2 900**
- HUM 126 Introduction to the
Performing Arts (3) **F9 900**
- HUM 129+ Introduction to East Asian
Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 222 Film and Society (3) **F2 909**
- HUM 223+ Introduction to International
Film (3) **F2 909**
- HUM 225 The Art of Dance (3) **F1 906**
- HUM 226+ Women and the Arts (3) **HF 907 D**
- MUS 124 Introduction to Music (3) **F1 900**
- MUS 224 Music Literature (3) **F1 902**
- THE 121 Introduction to Theater I (3) **F1 907**

Science - 9 credit hours

- BIO 121 (LAB) General Biology I (4) **L1 900L**
- PHY 123 (LAB) Physics for Science and
Engineers (5) **P2 900L**

Social and Behavioral Sciences - 16 credit hours

- EDU 221 Introduction to Teaching (3)
- EDU 222 The Exceptional Child (3)
- EDU 122 Observational/Clinical Experience
in Education (1)
- PSY 121 Introduction to Psychology (3) **S6 900**
- PSY 226 Adolescent Development (3) **S6 904**

One other course from the list below:

- ANT 121+ Introduction to Anthropology (3) **S1 900N**
- ANT 221+ Cultural Anthropology (3) **S1 901N**
- ANT 222+ Introduction to Physical
Anthropology (3) **S1 902**
- ANT 224 Introduction to Archaeology (3) **S1 903**
- ANT 228+ Cross-Cultural Relationships (3) **S1 904D**
- ECO 221 Principles of Macroeconomics (3) **S3 901**
- ECO 222 Principles of Microeconomics (3) **S3 902**
- GEG 122+ Cultural Geography (3) **S4 900 N**
- GEG 123+ World Regional Geography (3) **S4 900N**
- HST 121+ History of Western Civilization I (3) **S2 902**
- HST 122+ History of Western Civilization II (3) **S2 903**
- HST 126+ History of Contemporary Non-Western
Civilization (3) **S2 905N**
- HST 127+ History of Chinese Culture and
Society (3) **S2 914N**
- HST 221 United States History to 1876 (3) **S2 900**

- HST 222 United States History 1876 to
Present (3) **S2 901**
- PSC 121 American National Politics (3) **S5 900**
- PSC 122 State and Local Politics (3) **S5 902**
- PSC 221+ Comparative Political Systems (3) **S5 905**
- PSC 222+ International Relationships (3) **S5 904N**

Additional College AA Degree Requirements

- + Include one course in International/Multicultural
Education which must be taken from the list on page 68.

Total Degree Requirements: 62 credit hours

Other Graduation Requirements:

- Constitution Requirements (recommended methods:
Illinois high school transcript showing a graduation date of
1953 or later, proficiency exam, or successful completion
of PSC 121 or HST 221 at CLC)
- A student must pass the ITBS (Illinois Test of Basic Skills)
in order to be awarded an AAT Degree.
- Cumulative CLC GPA of 2.00 or higher
- Minimum of 15 of last 30 hours at CLC
- Petition to Graduate (available in Admissions and Records)

Notes:

Programs of Instruction and Graduation Requirements

Associate in Science Degree Plan 11AB

Students can obtain an Associate in Science degree from the College of Lake County by successfully completing the 60 credits outlined below and by meeting the graduation requirements listed on page 49.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

The College of Lake County is a participant in the Illinois Articulation Initiative (IAI). This is a program to ease the transfer for students from 2-year or 4-year colleges/universities to 4-year college/universities in Illinois. The 60 credits needed for the Associate in Science degree contain the IAI core. For more information see pages 45-46. This initiative is limited to students who are first-time college students since May 1998. *The IAI course numbers are in bold (e.g. C1 900); you must not select two courses with the same IAI course number.*

It is important to meet with an advisor to update your educational plan. Please check the courses you complete each term to assist you in this process.

Communication - 9 credit hours

A grade of C or better is required for both ENG courses.

- CMM 121 Fundamentals of Speech (3) **C2 900**
- ENG 121 English Composition I (3) **C1 900**
- ENG 122 English Composition II (3) **C1 901 R**
or
- ENG 126 Advanced Composition: Scientific and Technical Communications (3) **C1 901 R**

Mathematics - 8 credit hours

3 credits **MUST** be selected from the courses with an IAI number (shown in bold) in order to meet CLC graduation requirements. This will also meet the IAI general education core. Duplication of an IAI number is acceptable in Mathematics courses.

- MTH 122 College Algebra (4)
- MTH 123 Trigonometry (3)
- MTH 127 Finite Mathematics I (3) **M1 906**
- MTH 141 Quantitative Literacy (3) **M1 901**
- MTH 144 Precalculus (5)
- MTH 145 Calculus and Analytic Geometry I (5) **M1 900-1**
- MTH 146 Calculus and Analytic Geometry II (4) **M1 900-2**
- MTH 221 Math for Elementary Teaching II (3) **M1 903**
- MTH 222 Elementary Statistics (4) **M1 902**
- MTH 224 Calculus for Business and Social Science (4) **M1 900-B**
- MTH 227 Ordinary Differential Equations (3)
- MTH 244 Discrete Mathematics (3) **M1 905**
- MTH 246 Calculus and Analytic Geometry III (4) **M1 900-3**

Humanities and Fine Arts - 9 credit hours

- At least one course must be selected from the Humanities section and one course from the Fine Arts section.

Humanities

- ARA 222*+ Intermediate Modern Standard Arabic II (4) **H1 900**
- CHI 222*+ Intermediate Chinese II (4) **H1 900**
- ENG 129*+ Women In Literature (3) **H3 911D**
- ENG 223 Survey of Major American Writers (3) **H3 914**
- ENG 225 Major Trends and Authors of English Literature (3) **H3 912**
- ENG 226 Modern English Literature (3) **H3 913**
- ENG 227 Introduction to Shakespeare (3) **H3 905**
- ENG 228+ World Literature (3) **H3 906**
- ENG 229 20th Century American Literature (3) **H3 915**
- ENG 241 Introduction to Poetry (3) **H3 903**
- ENG 243 Introduction to Fiction (3) **H3 901**
- ENG 244+ Mythology and Fairy Tales (3) **H9 901**
- ENG 246+ Latin American Writers (3) **H3 908N**
- ENG 247*+ International Women Writers (3) **H3 911D**
- FRN 222*+ Intermediate French II (4) **H1 900**
- FRN 223*+ French Civilization I (3) **H1 900**
- FRN 224*+ French Civilization II (3) **H1 900**
- GER 222*+ Intermediate German II (4) **H1 900**
- GER 223*+ German Civilization I (3) **H1 900**
- GER 224*+ German Civilization II (4) **H1 900**

Humanities continued on next page.

Programs of Instruction and Graduation Requirements

Associate in Science Degree continued

- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 127* Critical Thinking (3) **H4 906**
- HUM 128+ Introduction to Middle-Eastern Civilizations (3) **H2 903 N**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 226+ Women and the Arts (3) **HF 907D**
- ITL 222*+ Intermediate Italian II (4) **H1 900**
- ITL 223*+ Italian Civilization I (4) **H1 900**
- ITL 224*+ Italian Civilization II (4) **H1 900**
- JPN 222*+ Intermediate Japanese II (4) **H1 900**
- PHI 121 Introduction to Philosophy (3) **H4 900**
- PHI 122* Logic (3) **H4 906**
- PHI 123+ Philosophy of Religion (3) **H4 905**
- PHI 125+ Introduction to Ethics (3) **H4 904**
- PHI 126+ World Religion (3) **H5 904N**
- PHI 221+ Asian Philosophy (3) **H4 903N**
- RUS 222*+ Intermediate Russian II (4) **H1 900**
- SPA 222*+ Intermediate Spanish II (4) **H1 900**
- SPA 223*+ Spanish Civilization I (3) **H1 900**
- SPA 224*+ Spanish Civilization II (3) **H1 900**

* The following Humanities courses have duplicate IAI numbers. Only one course with the same IAI number may be applied to the degree core. **H1 900** – ARA 222, CHI 222, FRN 222, FRN 223, FRN 224, GER 222, GER 223, GER 224, ITL 222, ITL 223, ITL 224, JPN 222, RUS 222, SPA 222, SPA 223, SPA 224; **H3 911 D** – ENG 129, ENG 247; **H4 906** – HUM 127, PHI 122

Fine Arts

- ART 121* Introduction to Art (3) **F2 900**
- ART 240+ History of Art I (3) **F2 901**
- ART 241*+ History of Art II (3) **F2 902**
- ART 242*+ History of Art III (3) **F2 902**
- ART 260 History of Photography (3) **F2 904**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 123 Introduction to Film (3) **F2 908**
- HUM 125* Introduction to Fine Arts I (3) **F2 900**
- HUM 126 Introduction to the Performing Arts (3) **F9 900**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 222* Film and Society (3) **F2 909**
- HUM 223+ Introduction to International Film (3) **F2 909**
- HUM 225 The Art of Dance (3) **F1 906**
- HUM 226+ Women and the Arts (3) **HF 907 D**
- MUS 124 Introduction to Music (3) **F1 900**
- MUS 224 Music Literature (3) **F1 902**
- THE 121 Introduction to Theater I (3) **F1 907**

* The following Fine Arts courses have duplicate IAI numbers. Only one course with the same IAI number may be applied to the degree core. **F2 900** – ART 121, HUM 125; **F2 902** – ART 241, ART 242; **F2 909** – HUM 222, HUM 223

Physical and Life Sciences - 8 credit hours

8 credit hrs. One course must be selected from Physical Science and one course from Life Science. Both courses must be Laboratory courses (LAB)

Physical Science

- AST 121 (LAB) Introduction to Astronomy (4) **P1 906L**
- CHM 120 (LAB) Chemical Concepts (4) **P1 902L**
- CHM 121 (LAB) General Chemistry I (5) **P1 902L**
- GEO 120 (LAB) Earth Science (4) **P1 905 L**
- GEO 121 (LAB) Physical Geology (4) **P1 907L**
- PHY 120 (LAB) Practical Aspects of Physics (4) **P1 901L**
- PHY 121 (LAB) General Physics I (5) **P1 900L**
- PHY 123 (LAB) Physics for Science and Engineering I (5) **P2 900L**

Life Science

- BIO 120 (LAB) Environmental Biology (4) **L1 905L**
- BIO 121 (LAB) General Biology I (4) **L1 900L**

Social and Behavioral Sciences - 9 credit hours

• Courses must be selected from at least two different disciplines i.e. have different prefixes.

- ANT 121+ Introduction to Anthropology (3) **S1 900N**
- ANT 221+ Cultural Anthropology (3) **S1 901N**
- ANT 222+ Introduction to Physical Anthropology (3) **S1 902**
- ANT 224 Introduction to Archaeology (3) **S1 903**
- ANT 228+ Cross-Cultural Relationships (3) **S1 904D**
- ECO 221 Principles of Macroeconomics (3) **S3 901**
- ECO 222 Principles of Microeconomics (3) **S3 902**
- GEG 122*+ Cultural Geography (3) **S4 900N**
- GEG 123*+ World Regional Geography (3) **S4 900N**
- HST 121+ History of Western Civilization I (3) **S2 902**
- HST 122+ History of Western Civilization II (3) **S2 903**
- HST 126+ History of Contemporary Non-Western Civilization (3) **S2 905N**
- HST 127+ History of Chinese Culture and Society (3) **S2 914N**
- HST 221 United States History to 1876 (3) **S2 900**
- HST 222 United States History 1876 to Present (3) **S2 901**
- PSC 121 American National Politics (3) **S5 900**
- PSC 122 State and Local Politics (3) **S5 902**

Social and behavioral sciences continued on next page.

Programs of Instruction and Graduation Requirements

Associate in Science Degree continued

- PSC 221+ Comparative Political Systems (3) **S5 905**
- PSC 222+ International Relationships (3) **S5 904N**
- PSY 121 Introduction to Psychology (3) **S6 900**
- PSY 222 Child Growth and Development (3) **S6 903**
- PSY 225 Social Psychology (3) **S8 900**
- PSY 226 Adolescent Psychology (3) **S6 904**
- SOC 121 Introduction to Sociology (3) **S7 900**
- SOC 222 Social Problems (3) **S7 901**
- SOC 224 Sociology of the Family (3) **S7 902**
- SOC 225 Class, Race and Gender (3) **S7 904D**

Notes:

* The following Social and Behavioral Science courses have duplicated IAI numbers. Only one course with the same IAI number may be applied to the degree core:
S4 900N – GEG 122, GEG 123

Additional College AS Degree Requirements

+ Include one course in International/Multicultural Education which must be taken from the list on page 68.

General Elective hours - 17 credit hours

- Choose elective courses with an *even middle digit* that relate to your intended major. Students should choose electives only after consulting with an advisor. NUR 110 cannot be used to meet the general elective requirements for the A.S. degree.
- **Exception:** Up to six hours of courses with an odd middle digit (1-3-5-7-9) may be used as general electives in the degree. All 199 courses are exempt from this rule. However, students should select these courses only after they have verified their transferability with their advisor or the transfer institution.

Total Degree Requirements: 60 credit hours

Please review lists of recommended courses for individual programs of study as listed on pages 71-97 in this catalog.

Other Graduation Requirements:

- Constitution Requirements (recommended methods:
Illinois high school transcript showing a graduation date of 1953 or later, proficiency exam, or successful completion of PSC 121 or HST 221 at CLC)
- Cumulative CLC GPA of 2.00 or higher
- Minimum of 15 of last 30 hours at CLC
- Petition to Graduate (available in Admissions and Records) _____

Associate in Engineering Science Degree Plan 12AB

Students may obtain an Associate in Engineering Science degree from the College of Lake County by successfully completing the 62-65 credits outlined below and by meeting the graduation requirements listed on page 49.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

The College of Lake County is a participant in the Illinois Articulation Initiative (IAI). This is a program to ease the transfer for students from 2-year or 4-year colleges/universities to 4-year college/universities in Illinois. The credits needed for the Associate in Engineering Science contain a portion of the IAI core. Please see pages 45-46 for more information. This initiative is limited to students who are first-time college students since May 1998. **The IAI course numbers are in bold (e.g. C1 900).**

It is important to meet with an advisor to update your educational plan. Please check the courses you complete each term to assist you in this process. Students should refer to the recommended program requirements on page 80, as well as the program requirements for their preferred transfer institution when selecting courses.

For more information on this course of study students may contact the following faculty member.

<u>Name</u>	<u>Office</u>	<u>Phone Number</u>	<u>E-mail Address</u>
Rob Twardock	T113	(847) 543-2903	rtwardock@clcollinois.edu

Communication - 6 credit hours

A grade of C or better is required for both ENG courses.

- ENG 121 English Composition I (3) **C1 900**
- ENG 122 English Composition II (3) **C1 901 R**
or
- ENG 126 Advanced Composition: Scientific and Technical Communications (3) **C1 901 R**

Mathematics - 16 credit hours

- MTH 145 Calculus and Analytic Geometry I (5) **M1 900-1**
- MTH 146 Calculus and Analytic Geometry II (4) **M1 900-2**
- MTH 227 Ordinary Differential Equations (3)
- MTH 246 Calculus and Analytic Geometry III (4) **M1 900-3**

Humanities and Fine Arts - 6 hours

- At least one course must be selected from the Humanities section and one course from the Fine Arts section.

Humanities - 3 hours

- ARA 222+ Intermediate Modern Standard Arabic II (4) **H1 900**
- CHI 222+ Intermediate Chinese II (4) **H1 900**
- ENG 129+ Women In Literature (3) **H3 911D**
- ENG 223* Survey of Major American Writers (3) **H3 914**
- ENG 225 Major Trends and Authors of English Literature (3) **H3 912**
- ENG 226 Modern English Literature (3) **H3 913**
- ENG 227* Introduction to Shakespeare (3) **H3 905**
- ENG 228+ World Literature (3) **H3 906**
- ENG 229* 20th Century American Literature (3) **H3 915**
- ENG 241* Introduction to Poetry (3) **H3 903**
- ENG 243* Introduction to Fiction (3) **H3 901**
- ENG 244+ Mythology and Fairy Tales (3) **H9 901**
- ENG 246*+ Latin American Writers (3) **H3 908N**
- ENG 247+ International Women Writers (3) **H3 911D**
- FRN 222+ Intermediate French II (4) **H1 900**
- FRN 223+ French Civilization I (3) **H1 900**
- FRN 224+ French Civilization II (3) **H1 900**
- GER 222+ Intermediate German II (4) **H1 900**
- GER 223+ German Civilization I (3) **H1 900**
- GER 224+ German Civilization II (4) **H1 900**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 127* Critical Thinking (3) **H4 906**
- HUM 128+ Introduction to Middle-Eastern Civilizations (3) **H2 903 N**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 226+ Women in the Arts (3) **HF 907D**
- ITL 222+ Intermediate Italian II (4) **H1 900**
- ITL 223+ Italian Civilization I (4) **H1 900**
- ITL 224+ Italian Civilization II (4) **H1 900**
- JPN 222+ Intermediate Japanese II (4) **H1 900**
- PHI 121* Introduction to Philosophy (3) **H4 900**
- PHI 122 Logic (3) **H4 906**
- PHI 123+ Philosophy of Religion (3) **H4 905**
- PHI 125*+ Introduction to Ethics (3) **H4 904**
- PHI 126*+ World Religions (3) **H5 904N**
- PHI 221+ Asian Philosophy (3) **H4 903N**
- RUS 222+ Intermediate Russian II (4) **H1 900**
- SPA 222+ Intermediate Spanish II (4) **H1 900**
- SPA 223+ Spanish Civilization I (3) **H1 900**
- SPA 224+ Spanish Civilization II (3) **H1 900**

*Associate in Engineering Science Degree
continues on next page.*

Programs of Instruction and Graduation Requirements

Associate in Engineering Science Degree continued

Fine Arts - 3 hours

- ART 121+ Introduction to Art (3) **F2 900**
- ART 240+ History of Art I (3) **F2 901**
- ART 241*+ History of Art II (3) **F2 902**
- ART 242*+ History of Art III (3) **F2 902**
- ART 260 History of Photography (3) **F2 904**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 123 Introduction to Film (3) **F2 908**
- HUM 125* Introduction to Fine Arts I (3) **F2 900**
- HUM 126 Introduction to the Performing Arts (3) **F9 900**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 222 Film and Society (3) **F2 909**
- HUM 223+ Introduction to International Film (3) **F2 909**
- HUM 225* The Art of Dance (3) **F1 906**
- HUM 226+ Women and the Arts (3) **HF 907 D**
- MUS 124* Introduction to Music (3) **F1 900**
- MUS 224* Music Literature (3) **F1 902**
- MUS 140* 20th Century Music (3) **F1 902**
- THE 121 Introduction to Theater I (3) **F1 907**

Science - 15 credit hours

- CHM 121 (LAB) General Chemistry I (5) **P1 902L**
- PHY 123 Physics for Science and Engineering I (5) **P2 900L**
- PHY 124 Physics for Science and Engineering II (5)

Social and Behavioral Sciences - 6 credit hours

- Select from two different disciplines i.e. have different prefixes

- ANT 121*+ Introduction to Anthropology (3) **S1 900N**
- ANT 221*+ Cultural Anthropology (3) **S1 901N**
- ANT 222+ Introduction to Physical Anthropology (3) **S1 902**
- ANT 224 Introduction to Archaeology (3) **S1 903**
- ANT 228+ Cross-Cultural Relationships (3) **S1 904D**
- ECO 221* Principles of Macroeconomics (3) **S3 901**
- ECO 222* Principles of Microeconomics (3) **S3 902**
- GEG 122+ Cultural Geography (3) **S4 900 N**
- GEG 123+ World Regional Geography (3) **S4 900N**
- HST 121*+ History of Western Civilization I (3) **S2 902**
- HST 122*+ History of Western Civilization II (3) **S2 903**
- HST 126+ History of Contemporary Non-Western Civilization (3) **S2 905N**
- HST 127*+ History of Chinese Culture and Society (3) **S2 914N**
- HST 221* United States History to 1876 (3) **S2 900**
- HST 222* United States History 1876 to Present (3) **S2 901**
- PSC 121* American National Politics (3) **S5 900**
- PSC 122 State and Local Politics (3) **S5 902**
- PSC 221*+ Comparative Political Systems (3) **S5 905**

- PSC 222+ International Relationships (3) **S5 904N**
- PSY 121* Introduction to Psychology (3) **S6 900**
- PSY 222* Child Growth and Development (3) **S6 903**
- PSY 225* Social Psychology (3) **S8 900**
- PSY 226 Adolescent Psychology (3) **S6 904**
- SOC 121* Introduction to Sociology (3) **S7 900**
- SOC 222 Social Problems (3) **S7 901**
- SOC 224* Sociology of the Family (3) **S7 902**
- SOC 225 Class, Race and Gender (3) **S7 904D**

Computer Science - 3 credit hours

- MCS 140 Computer Programming I (3) *or*
- MCS 142 Computer Programming II (3)

Engineering - 7 credit hours

- EGR 121 Engineering Graphics (3)
- EGR 221 Statics and Dynamics (5)
- EGR 222 Engineering Mechanics of Materials (3)
- EGR 260 Introduction to Circuit Analysis (4)

Notes:

- * Students planning to transfer to UIC or UIUC are recommended to select from these courses.

Additional College AES Degree Requirements - 3 credit hours

Include one course in International/Multicultural Education which must be taken from the list on page 68. The course may overlap with a selection from the Humanities/Fine Arts or from the Social Behavioral Sciences area. If a course is not selected to meet both areas, one course from the list on page 68 must be selected.

Electives - 3-4 credit hours

Electives should be selected to meet the requirements for the transfer institution and the specific engineering major desired. Select from: any EGR course, MCS 140 or 142, MTH 225, MTH 244, PHY 221, CHM 123, or CHM 222.

Total Degree Requirements: 62-65 credit hours

Other Graduation Requirements:

- Constitution Requirements (recommended methods: Illinois high school transcript showing a graduation date of 1953 or later, proficiency exam, or successful completion of PSC 121 or HST 221 at CLC)
- Cumulative CLC GPA of 2.00 or higher
- Minimum of 15 of last 30 hours at CLC
- Petition to Graduate (available in Admissions and Records)

Associate in Fine Arts Degree in Art Plan 14AA

Students may obtain an Associate in Fine Arts degree in Art by successfully completing 61-63 credits outlined below and by meeting the graduation requirements listed on page 49.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

This degree meets the needs of students who plan to earn the professional Bachelor of Fine Arts degree (B.F.A.). Specifically the Associate in Fine Arts (A.F.A.) in art allows students to complete a greater number of their studio art requirements at the College of Lake County and thus facilitates the transfer process for students planning to enroll in a B.F.A. program at an Illinois college or university. Since completion of the A.F.A. degree does not fulfill the requirements of the Illinois General Education Core Curriculum, students will need to complete the general education requirements of the institution to which they transfer. Additionally, required art courses may not be able to be used to meet general education requirements at CLC and/or at some Illinois institutions.

It is important to meet with an advisor to update your educational plan. Please check the courses you complete each term to assist you in this process.

Communication - 9 credit hours

A grade of C or better is required for both ENG courses.

- CMM 121 Fundamentals of Speech (3) **C2 900**
- ENG 121 English Composition I (3) **C1 900**
- ENG 122 English Composition II (3) **C1 901 R**
or
- ENG 126 Advanced Composition:Scientific and Technical Communications (3) **C1 901 R**

Mathematics - 3-4 credit hours

- MTH 127 Finite Mathematics I (3) **M1 906**
- MTH 141 Quantitative Literacy (3) **M1 901**
- MTH 145 Calculus and Analytic Geometry I (5) **M1 900-1**
- MTH 146 Calculus and Analytic Geometry II (4) **M1 900-2**
- MTH 221 Mathematics for Elementary Teaching II (3) **M1 903**
- MTH 222 Elementary Statistics (4) **M1 902**
- MTH 224 Calculus for Business and Social Science (4) **M1 900-B**

- MTH 244 Discrete Mathematics (3) **M1 905**
- MTH 246 Calculus and Analytic Geometry III (4) **M1 900-3**

Humanities and Fine Arts - 6 credit hours

- At least one course must be selected from the Humanities section and one course from the Fine Arts section.

Humanities

- ARA 222+ Intermediate Modern Standard Arabic II (4) **H1 900**
- CHI 222+ Intermediate Chinese II (4) **H1 900**
- ENG 129+ Women In Literature (3) **H3 911D**
- ENG 223 Survey of Major American Writers (3) **H3 914**
- ENG 225 Major Trends and Authors of English Literature (3) **H3 912**
- ENG 226 Modern English Literature (3) **H3 913**
- ENG 227 Introduction to Shakespeare (3) **H3 905**
- ENG 228+ World Literature (3) **H3 906**
- ENG 229 20th Century American Literature (3) **H3 915**
- ENG 241 Introduction to Poetry (3) **H3 903**
- ENG 243 Introduction to Fiction (3) **H3 901**
- ENG 244+ Mythology and Fairy Tales (3) **H9 901**
- ENG 246+ Latin American Writers (3) **H3 908N**
- ENG 247+ International Women Writers (3) **H3 911D**
- FRN 222+ Intermediate French II (4) **H1 900**
- FRN 223+ French Civilization I (3) **H1 900**
- FRN 224+ French Civilization II (3) **H1 900**
- GER 222+ Intermediate German II (4) **H1 900**
- GER 223+ German Civilization I (3) **H1 900**
- GER 224+ German Civilization II (4) **H1 900**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 127 Critical Thinking (3) **H4 906**
- HUM 128+ Introduction to Middle-Eastern Civilizations (3) **H2 903 N**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 226+ Women and the Arts (3) **HF 907D**
- ITL 222+ Intermediate Italian II (4) **H1 900**
- ITL 223+ Italian Civilization I (4) **H1 900**
- ITL 224+ Italian Civilization II (4) **H1 900**
- JPN 222+ Intermediate Japanese II (4) **H1 900**
- PHI 121 Introduction to Philosophy (3) **H4 900**
- PHI 122 Logic (3) **H4 906**
- PHI 123+ Philosophy of Religion (3) **H4 905**
- PHI 125+ Introduction to Ethics (3) **H4 904**
- PHI 126+ World Religions (3) **H5 904N**
- PHI 221+ Asian Philosophy (3) **H4 903N**
- RUS 222+ Intermediate Russian II (4) **H1 900**
- SPA 222+ Intermediate Spanish II (3) **H1 900**
- SPA 223+ Spanish Civilization I (3) **H1 900**
- SPA 224+ Spanish Civilization II (3) **H1 900**

*Associate in Fine Arts Degree in Art
continues on next page.*

Programs of Instruction and Graduation Requirements

Associate in Fine Arts Degree in Art continued

Fine Arts

- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 123 Introduction to Film (3) **F2 908**
- HUM 125 Introduction to Fine Arts I (3) **F2 900**
- HUM 126 Introduction to the Performing Arts (3) **F9 900**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 222 Film and Society (3) **F2 909**
- HUM 223+ Introduction to International Film (3) **F2 909**
- HUM 225 The Art of Dance (3) **F1 906**
- HUM 226+ Women and the Arts (3) **HF 907 D**
- MUS 124 Introduction to Music (3) **F1 900**
- MUS 140 20th Century Music (3) **F1 902**
- MUS 224 Music Literature (3) **F1 902**
- THE 121 Introduction to Theater I (3) **F1 907**

Physical and Life Sciences -7-8 credit hours

- One course must be selected from Physical Science and one course from Life Science
- At least one course must be a laboratory science course (LAB).

Physical Science

- AST 121 (LAB) Introduction to Astronomy (4) **P1 906L**
- CHM 120 (LAB) Chemical Concepts (4) **P1 902L**
- CHM 121 (LAB) General Chemistry I (5) **P1 902L**
- GEG 121 Physical Geography (3) **P1 909**
- GEO 120 (LAB) Earth Science (4) **P1 905L**
- GEO 121 (LAB) Physical Geology (4) **P1 907L**
- GEO 124 Oceanography (3) **P1 905**
- GEO 224 Environmental Geology (3) **P1 908**
- PHY 120 (LAB) Practical Aspects of Physics (4) **P1 901L**
- PHY 121 (LAB) General Physics I (5) **P1 900L**
- PHY 123 (LAB) Physics for Science and Engineers (5) **P2 900L**

Life Science

- BIO 120 (LAB) Environmental Biology (4) **L1 905L**
- BIO 121 (LAB) General Biology I (4) **L1 900L**
- BIO 127 Introduction to Evolution (3) **L1 907**
- BIO 140 Environmental Issues (3) **L1 905**

Social and Behavioral Sciences - 6 credit hours

- Courses must be selected from at least two different disciplines i.e. have different prefixes.

- ANT 121+ Introduction to Anthropology (3) **S1 900N**
- ANT 221+ Cultural Anthropology (3) **S1 901N**
- ANT 222+ Introduction to Physical Anthropology (3) **S1 902**
- ANT 224 Introduction to Archaeology (3) **S1 903**
- ANT 228+ Cross-Cultural Relationships (3) **S1 904D**
- ECO 221 Principles of Macroeconomics (3) **S3 901**
- ECO 222 Principles of Microeconomics (3) **S3 902**
- GEG 122+ Cultural Geography (3) **S4 900 N**
- GEG 123+ World Regional Geography (3) **S4 900N**
- HST 121+ History of Western Civilization I (3) **S2 902**
- HST 122+ History of Western Civilization II (3) **S2 903**
- HST 126+ History of Contemporary Non-Western Civilization (3) **S2 914 N**
- HST 127+ History of Chinese Culture and Society (3) **S2 909N**
- HST 221 United States History to 1876 (3) **S2 900**
- HST 222 United States History 1876 to Present (3) **S2 901**
- PSC 121 American National Politics (3) **S5 900**
- PSC 122 State and Local Politics (3) **S5 902**
- PSC 221+ Comparative Political Systems (3) **S5 905**
- PSC 222+ International Relationships (3) **S5 904N**
- PSY 121 Introduction to Psychology (3) **S6 900**
- PSY 222 Child Growth and Development (3) **S6 903**
- PSY 225 Social Psychology (3) **S8 900**
- PSY 226 Adolescent Psychology (3) **S6 904**
- SOC 121 Introduction to Sociology (3) **S7 900**
- SOC 222 Social Problems (3) **S7 901**
- SOC 224 Sociology of the Family (3) **S7 902**
- SOC 225 Class, Race and Gender (3) **S7 904D**

Art - 21 credit hours

- ART 122 Basic Color and Design (3)
- ART 124 Basic Drawing (3)
- ART 127 Intermediate Drawing (3)
- ART 221 Advanced Design (3)
- ART 225 Figure Drawing (3)
- ART 240+ History of Art I (3) **F2 901**
- ART 241+ History of Art II (3) **F2 902**

Elective Studio - 9-11 credit hours

- ART 222 Computer Art (3)
- ART 223 Introduction to Sculpture (3)
- ART 224 Beginning Painting (3)
- ART 226 Introduction to Ceramics (3)
- ART 243 Introduction to Printmaking I (3)

Associate in Fine Arts Degree in Art
continues on next page.

Associate in Fine Arts Degree in Art continued

Total Degree Requirements: 61-63 credit hours

Please review lists of recommended courses for individual programs of study as listed on pages 71-97 in this catalog.

Additional College AFA Degree Requirements

- + Includes one course in International/Multicultural Education taken from the list on page 68.

Other Graduation Requirements:

- Constitution Requirements (recommended methods: Illinois high school transcript showing a graduation date of 1953 or later, proficiency exam, or successful completion of PSC 121 or HST 221 at CLC)
- Cumulative CLC GPA of 2.00 or higher
- Minimum of 15 of last 30 hours at CLC
- Petition to Graduate (available in Admissions and Records)

Notes:

Associate in Fine Arts Degree in Music Education Plan 15AA

Students can obtain an Associate in Fine Arts degree in Music Education by successfully completing the 62 credits outlined below and by meeting the graduation requirements listed on page 49.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

The AFA degree in Music Education is intended for students who plan to major in music for their baccalaureate degree and incorporate instrumental or vocal performance into their career choice. Completion of the AFA degree does not fulfill the requirements of the Illinois General Education Core Curriculum. Therefore, students will need to fulfill the general education requirements of the school to which they transfer. Students may be required to demonstrate skill level through auditions and placement testing at the school to which they transfer. A bachelor's degree may also require competency in a foreign language at some colleges and universities.

It is important to meet with an advisor to update your educational plan. Please check the courses you complete each term to assist you in this process.

Communication - 9 credit hours

A grade of C or better is required for both ENG courses.

- CMM 121 Fundamentals of Speech (3) **C2 900**
- ENG 121 English Composition I (3) **C1 900**
- ENG 122 English Composition II (3) **C1 901 R**
or
- ENG 126 Advanced Composition: Scientific and Technical Communications (3) **C1 901 R**

Mathematics - 3 credit hours

- MTH 127 Finite Mathematics I (3) **M1 906**
- MTH 141 Quantitative Literacy (3) **M1 901**
- MTH 145 Calculus and Analytic Geometry I (5) **M1 900-1**
- MTH 146 Calculus and Analytic Geometry II (4) **M1 900-2**
- MTH 221 Mathematics for Elementary Teaching II (3) **M1 903**
- MTH 222 Elementary Statistics (4) **M1 902**

*Associate in Fine Arts Degree in Music Education
continues on next page.*

Programs of Instruction and Graduation Requirements

Associate in Fine Arts Degree in Music Education continued

- MTH 224 Calculus for Business and Social Science (4) **M1 900-B**
- MTH 244 Discrete Mathematics (3) **M1 905**
- MTH 246 Calculus and Analytic Geometry III (4) **M1 900-3**

Physical and Life Sciences -7 credit hours

- One course must be selected from Physical Science and one course from Life Science
- At least one course must be a laboratory science course (LAB).

Physical Science

- AST 121 (LAB) Introduction to Astronomy (4) **P1 906L**
- CHM 120 (LAB) Chemical Concepts (4) **P1 902L**
- CHM 121 (LAB) General Chemistry I (5) **P1 902L**
- GEG 121 Physical Geography (3) **P1 909**
- GEO 120 (LAB) Earth Science (4) **P1 905 L**
- GEO 121 (LAB) Physical Geology (4) **P1 907L**
- GEO 124 Oceanography (3) **P1 905**
- GEO 224 Environmental Geology (3) **P1 908**
- PHY 120 (LAB) Practical Aspects of Physics (4) **P1 901L**
- PHY 121 (LAB) General Physics I (5) **P1 900L**
- PHY 123 (LAB) Physics for Science and Engineers (5) **P2 900L**

Life Science

- BIO 120 (LAB) Environmental Biology (4) **L1 905L**
- BIO 121 (LAB) General Biology I (4) **L1 900L**
- BIO 127 Introduction to Evolution (3) **L1 907**
- BIO 140 Environmental Issues (3) **L1 905**

Social and Behavioral Sciences - 6 credit hours

- HST 221 United States History to 1876 (3) **S2 900**
- HST 222 United States History 1876 to Present (3) **S2 901**
- PSC 121 American National Politics (3) **S5 900**

Health/Physical Development - 2 credit hours

- PED 140 Contemporary Health Issues (2)
- PED 141 Theory and Practice of Fitness (2)

Additional College AFA Degree Requirements

Core Music - 19 credit hours

- MUS 128 Theory of Music I (4)
- MUS 129 Theory of Music II (4)
- MUS 224 Music Literature (3) **F1 902**
- MUS 228 Theory of Music III (4)
- MUS 229 Theory of Music IV (4)

Electives - 16 credit hours

Choose 4 credit hours from below — Keyboard Skills

- MUS 143* Applied Music -Piano I (1-2)
- MUS 144* Applied Music - Jazz Piano I (1-2)
- MUS 145 Piano Class I (1)
- MUS 146 Piano Class II (1)
- MUS 245 Piano Class III (1)
- MUS 246 Piano Class IV (1)

Choose 4 credit hours from below

- MUS 120* Vocal Ensembles (1)
- MUS 123* Wind Ensemble (1)
- MUS 223* Jazz Ensemble (1)

Choose 4 credit hours from the same 100 level course and 4 credit hours from the same 200 level course. All 8 credit hours must be taken in voice or in one major instrument.

- MUS 141* Applied Music Voice I (1-2) and
 - MUS 241* Applied Music Voice II (1-2) or

 - MUS 143* Applied Music Piano I (1.2) and
 - MUS 243* Applied Music Piano II (1-2) or

 - MUS 144* Applied Music Jazz Piano I (1-2) and
 - MUS 244* Applied Music Jazz Piano II (1-2) or

 - MUS 160-188* Applied Music Instrumental I (1-2) and
 - MUS 260-288* Applied Music Instrumental II (1-2)
- *Repeatable up to four credit hours

Additional College AFA Degree Requirements

Includes one course in International/Multicultural Education taken from the list on page 68.

Total Degree Requirements: 62 credit hours

Other Graduation Requirements:

- Constitution Requirements (recommended methods: Illinois high school transcript showing a graduation date of 1953 or later, proficiency exam, or successful completion of PSC 121 or HST 221 at CLC)
- Cumulative CLC GPA of 2.00 or higher
- Minimum of 15 of last 30 hours at CLC
- Petition to Graduate (available in Admissions and Records)

Notes:

Associate in Fine Arts Degree in Music Performance Plan 16AA

Students may obtain an Associate in Fine Arts degree in Music Performance by successfully completing the 63 to 67 credits outlined below and by meeting the graduation requirements listed on page 49.

Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

The AFA degree in Music Performance is intended for students who plan to major in music for their baccalaureate degree and who incorporate instrumental or vocal performance into their career choice. Completion of the AFA degree does not fulfill the requirements of the Illinois General Education Core Curriculum. Students must fulfill the general education requirements of the school to which they transfer. Students may be required to demonstrate skill level through auditions and placement tests at the school to which they transfer. A bachelor's degree may also require competency in a foreign language at some colleges and universities.

It is important to meet with an advisor to update your educational plan. Please check the courses you complete each term to assist you in this process.

Communication - 9 credit hours

A grade of C or better is required for both ENG courses.

- CMM 121 Fundamentals of Speech (3) **C2 900**
- ENG 121 English Composition I (3) **C1 900**
- ENG 122 English Composition II (3) **C1 901 R**
or
- ENG 126 Advanced Composition:Scientific and Technical Communications (3) **C1 901 R**

Mathematics - 3-4 credit hours

- MTH 127 Finite Mathematics I (3) **M1 906**
- MTH 141 Quantitative Literacy (3) **M1 901**
- MTH 145 Calculus and Analytic Geometry I (5) **M1 900-1**
- MTH 146 Calculus and Analytic Geometry II (4) **M1 900-2**
- MTH 221 Mathematics for Elementary Teaching II (3) **M1 903**
- MTH 222 Elementary Statistics (4) **M1 902**
- MTH 224 Calculus for Business and Social Science (4) **M1 900-B**

- MTH 244 Discrete Mathematics (3) **M1 905**
- MTH 246 Calculus and Analytic Geometry III (4) **M1 900-3**

Humanities and Fine Arts - 6-7 credit hours

- At least one course must be selected from the Humanities section and one course from the Fine Arts section.
- See also International/Multicultural Education requirement on page 68.

Humanities

- ARA 222+ Intermediate Modern Standard Arabic II (4) **H1 900**
- CHI 222+ Intermediate Chinese II (4) **H1 900**
- ENG 129+ Women In Literature (3) **H3 911D**
- ENG 223 Survey of Major American Writers (3) **H3 914**
- ENG 225 Major Trends and Authors of English Literature (3) **H3 912**
- ENG 226 Modern English Literature (3) **H3 913**
- ENG 227 Introduction to Shakespeare (3) **H3 905**
- ENG 228+ World Literature (3) **H3 906**
- ENG 229 20th Century American Literature (3) **H3 915**
- ENG 241 Introduction to Poetry (3) **H3 903**
- ENG 243 Introduction to Fiction (3) **H3 901**
- ENG 244+ Mythology and Fairy Tales (3) **H9 901**
- ENG 246+ Latin American Writers (3) **H3 908N**
- ENG 247+ International Women Writers (3) **H3 911D**
- FRN 222+ Intermediate French II (4) **H1 900**
- FRN 223+ French Civilization I (3) **H1 900**
- FRN 224+ French Civilization II (3) **H1 900**
- GER 222+ Intermediate German II (4) **H1 900**
- GER 223+ German Civilization I (3) **H1 900**
- GER 224+ German Civilization II (4) **H1 900**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 127 Critical Thinking (3) **H4 906**
- HUM 128+ Introduction to Middle-Eastern Civilizations (3) **H2 903 N**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 226+ Women and the Arts (3) **HF 907D**
- ITL 222+ Intermediate Italian II (4) **H1 900**
- ITL 223+ Italian Civilization I (4) **H1 900**
- ITL 224+ Italian Civilization II (4) **H1 900**
- JPN 222+ Intermediate Japanese II (4) **H1 900**
- PHI 121 Introduction to Philosophy (3) **H4 900**
- PHI 122 Logic (3) **H4 906**
- PHI 123+ Philosophy of Religion (3) **H4 905**
- PHI 125+ Introduction to Ethics (3) **H4 904**
- PHI 126+ World Religions (3) **H5 904N**
- PHI 221+ Asian Philosophy (3) **H4 903N**
- RUS 222+ Intermediate Russian II (4) **H1 900**
- SPA 222+ Intermediate Spanish II (3) **H1 900**
- SPA 223+ Spanish Civilization I (3) **H1 900**
- SPA 224+ Spanish Civilization II (3) **H1 900**

*Associate in Fine Arts Degree in Music Performance
continues on next page.*

Programs of Instruction and Graduation Requirements

Associate in Fine Arts Degree in Music Performance continued

Fine Arts

- ART 121 Introduction to Art (3) **F2 900**
- ART 240+ History of Art I (3) **F2 901**
- ART 241+ History of Art II (3) **F2 902**
- ART 242+ History of Art III (3) **F2 902**
- ART 260 History of Photography (3) **F2 904**
- HUM 121+ Introduction to Humanities I (3) **HF 902**
- HUM 122+ Introduction to Humanities II (3) **HF 903**
- HUM 123 Introduction to Film (3) **F2 908**
- HUM 125 Introduction to Fine Arts I (3) **F2 900**
- HUM 126 Introduction to the Performing Arts (3) **F9 900**
- HUM 129+ Introduction to East Asian Humanities (3) **HF 904 N**
- HUM 221+ American Decades (3) **HF 906 D**
- HUM 222 Film and Society (3) **F2 909**
- HUM 223+ Introduction to International Film (3) **F2 909**
- HUM 225 The Art of Dance (3) **F1 906**
- HUM 226+ Women and the Arts (3) **HF 907 D**
- THE 121 Introduction to Theater I (3) **F1 907**

Physical and Life Sciences -7-8 credit hours

- One course must be selected from Physical Science and one course from Life Science
- At least one course must be a laboratory science course (LAB).

Physical Science

- AST 121 (LAB) Introduction to Astronomy (4) **P1 906L**
- CHM 120 (LAB) Chemical Concepts (4) **P1 902L**
- CHM 121 (LAB) General Chemistry I (5) **P1 902L**
- GEG 121 Physical Geography (3) **P1 909**
- GEO 120 (LAB) Earth Science (4) **P1 905L**
- GEO 121 (LAB) Physical Geology (4) **P1 907L**
- GEO 124 Oceanography (3) **P1 905**
- GEO 224 Environmental Geology (3) **P1 908**
- PHY 120 (LAB) Practical Aspects of Physics (4) **P1 901L**
- PHY 121 (LAB) General Physics I (5) **P1 900L**
- PHY 123 (LAB) Physics for Science and Engineers (5) **P2 900L**

Life Science

- BIO 120 (LAB) Environmental Biology (4) **L1 905L**
- BIO 121 (LAB) General Biology I (4) **L1 900L**
- BIO 127 Introduction to Evolution (3) **L1 907**
- BIO 140 Environmental Issues (3) **L1 905**

Social and Behavioral Sciences - 3 credit hours

- ANT 121+ Introduction to Anthropology (3) **S1 900N**
- ANT 221+ Cultural Anthropology (3) **S1 901N**
- ANT 222+ Introduction to Physical Anthropology (3) **S1 902**
- ANT 224 Introduction to Archaeology (3) **S1 903**
- ANT 228+ Cross-Cultural Relationships (3) **S1 904D**
- ECO 221 Principles of Macroeconomics (3) **S3 901**
- ECO 222 Principles of Microeconomics (3) **S3 902**
- GEG 122+ Cultural Geography (3) **S4 900 N**
- GEG 123+ World Regional Geography (3) **S4 900N**
- HST 121+ History of Western Civilization I (3) **S2 902**
- HST 122+ History of Western Civilization II (3) **S2 903**
- HST 126+ History of Contemporary Non-Western Civilization (3) **S2 905N**
- HST 127+ History of Chinese Culture and Society (3) **S2 914N**
- HST 221 United States History to 1876 (3) **S2 900**
- HST 222 United States History 1876 to Present (3) **S2 901**
- PSC 121 American National Politics (3) **S5 900**
- PSC 122 State and Local Politics (3) **S5 902**
- PSC 221+ Comparative Political Systems (3) **S5 905**
- PSC 222+ International Relationships (3) **S5 904N**
- PSY 121 Introduction to Psychology (3) **S6 900**
- PSY 222 Child Growth and Development (3) **S6 903**
- PSY 225 Social Psychology (3) **S8 900**
- PSY 226 Adolescent Psychology (3) **S6 904**
- SOC 121 Introduction to Sociology (3) **S7 900**
- SOC 222 Social Problems (3) **S7 901**
- SOC 224 Sociology of the Family (3) **S7 902**
- SOC 225 Class, Race and Gender (3) **S7 904D**

Core Music - 19 credit hours

- MUS 128 Theory of Music I (4)
- MUS 129 Theory of Music II (4)
- MUS 224 Music Literature (3) **F1 902**
- MUS 228 Theory of Music III (4)
- MUS 229 Theory of Music IV (4)

*Associate in Fine Arts Degree in Music Performance
continues on next page.*

Programs of Instruction and Graduation Requirements

*Associate in Fine Arts Degree in Music Performance
continued*

Notes:

Electives - 16 credit hours

Choose 4 credit hours from below — Keyboard Skills

- MUS 143* Applied Music - Piano I (1-2)
- MUS 144* Applied Music - Jazz Piano I (1-2)
- MUS 145 Piano Class I (1)
- MUS 146 Piano Class II (1)
- MUS 245 Piano Class III (1)
- MUS 246 Piano Class IV (1)

Choose 4 credit hours from below

- MUS 120* Vocal Ensembles (1)
- MUS 123* Wind Ensemble (1)
- MUS 223* Jazz Ensemble (1)

Choose 4 credit hours from the same 100 level course and 4 credit hours from the same 200 level course. All 8 credit hours must be taken in voice or in one major instrument.

- MUS 141* Applied Music Voice I (1-2) and
- MUS 241* Applied Music Voice II (1-2) or

- MUS 143* Applied Music Piano I (1.2) and
- MUS 243* Applied Music Piano II (1-2) or

- MUS 144* Applied Music Jazz Piano I (1-2) and
- MUS 244* Applied Music Jazz Piano II (1-2) or

- MUS 160-188* Applied Music Instrumental I (1-2) and
- MUS 260-288* Applied Music Instrumental II (1-2)

*Repeatable up to four credit hours

Total Degree Requirements: 63-67 credit hours

Additional College AFA Degree Requirements

+ Includes one course in International/Multicultural
Education taken from the list on page 68.

Other Graduation Requirements:

- Constitution Requirements (recommended methods:
Illinois high school transcript showing a graduation date of
1953 or later, proficiency exam, or successful completion
of PSC 121 or HST 221 at CLC)
- Cumulative CLC GPA of 2.00 or higher
- Minimum of 15 of last 30 hours at CLC
- Petition to Graduate (available in Admissions and Records)

Programs of Instruction and Graduation Requirements

A.A., A.S., A.F.A., and A.E.S. Degrees International/Multicultural Education Requirement

CLC offers curricula and programs that develop an appreciation for the diversity of world cultures and the importance of international and multicultural perspectives. Students are strongly encouraged to select a course(s) that exposes them to a culture(s) other than their own. One course must be taken from the following list

- ANT 121 Introduction to Anthropology (3)
- ANT 221 Cultural Anthropology (3)
- ANT 222 Introduction to Physical Anthropology (3)
- ANT 228 Cross-Cultural Relationships (3)
- ARA (ANY) Arabic Course (4)
- ART 240 History of Art I (3)
- ART 241 History of Art II (3)
- ART 242 History of Art III (3)
- BUS 270 Introduction to International Business (3)
- CHI (ANY) Chinese Course (4)
- CMM 127 Intercultural Communication (3)
- ECO 225 Comparative Economic Systems (3)
- ENG 128 Linguistics and Society (3)
- ENG 129 Women in Literature (3)
- ENG 228 World Literature (3)
- ENG 244 Mythology and Fairy Tales (3)
- ENG 246 Latin American Writers (3)
- ENG 247 International Women Writers (3)
- ENG 263 Early American Minority Writers (3)
- ENG 264 Modern American Minority Writers (3)
- FRN (ANY) French Course (3-4)
- GEG 122 Cultural Geography (3)
- GEG 123 World Regional Geography (3)
- GEG 223 Geography of Latin America (3)
- GER (ANY) German Course (3-4)
- HST 121 History of Western Civilization I (3)
- HST 122 History of Western Civilization II (3)
- HST 123 Modern Europe I (3)
- HST 124 Modern Europe II (3)
- HST 126 History of Contemporary Non-Western Civilization (3)
- HST 127 History of Chinese Culture and Society (3)
- HST 240 Afro-American History I (3)
- HST 241 Afro-American History II (3)
- HUM 121 Introduction to Humanities I (3)
- HUM 122 Introduction to Humanities II (3)
- HUM 124 International and Regional Studies in the Humanities (1-4)
- HUM 128 Introduction to Middle-Eastern Civilizations (3)
- HUM 129 Introduction to East Asian Humanities (3)
- HUM 221 American Decades (3)
- HUM 223 Introduction to International Film (3)
- HUM 226 Women and the Arts (3)
- ITL (ANY) Italian Course (4)
- JPN (ANY) Japanese Course (4)
- PHI 123 Philosophy of Religion (3)
- PHI 125 Introduction to Ethics (3)

- PHI 126 World Religions (3)
- PHI 129 Philosophical Issues in Contemporary Feminism (3)
- PHI 221 Asian Philosophy (3)
- PSC 221 Comparative Political Systems (3)
- PSC 222 International Relations (3)
- RUS (ANY) Russian Course (4 hours)
- SPA (ANY) Spanish Course (3-4 hours)

Career Programs Degree Requirements

General Requirements for the Associate in Applied Science Degree

1. Completion of at least 15 of the last 30 semester hours of instruction while in attendance at the College of Lake County. (Does not include credit earned by examination or transfer.) Servicemembers and their spouses enrolled in the Servicemember's Opportunity College Program and Navy personnel enrolled in the Navy Campus for Achievement Program may meet the graduation requirements regarding semester hours at the college by completion of a minimum of 15 semester hours if his or her active duty assignment takes him/her to a base preventing his or her attendance in College of Lake County courses.
2. The maintenance of a C (2.0) average for all work at CLC used to compute the grade point average.
3. Compliance with the requirement regarding the Constitution Examination (Senate Bill 195 of the 68th General Assembly of the State of Illinois) by any one of the following means:
 - a. Passing the College of Lake County proficiency examination covering the Constitution of the United States and the State of Illinois, and the proper use and display of the American flag
 - b. Successful completion of PSC 121 or HST 221 at CLC
 - c. Presenting an official Illinois high school transcript which clearly gives evidence that this requirement was satisfied for high school graduation
 - d. Completing the requirement at another institution of higher education in the State of Illinois

4. The satisfactory completion of the General Education Requirements for the appropriate degree
5. The following courses cannot be used to satisfy degree requirements and do not count in the grade point average
 - a. Course with a middle digit of 0, (ENG 108, ENG 109 and MTH 101).
 - b. Adult Education courses with a department prefix of ABE, ADE, ESL, GED, IPT or VST
 - c. General Studies courses
6. Specific electives and total hours vary by program. See program descriptions, pages 99-164.
7. Students who have not enrolled in any course listed in the CLC class schedule for at least two years will be designated as *inactive*. Inactive students who register for courses will be governed by the college catalog covering the semester in which they re-enroll.

General Education Requirements for the Associate in Applied Science Degree

1. Communication Arts6
 - a. Choose either ENG 120 or ENG 121 *and*
 - b. Choose one of the following speech courses: CMM 111, CMM 121, CMM 122, CMM 123, or CMM 128. Check the requirements of specific programs to determine which speech course you must take.
2. Humanities and Fine Arts3
 Architecture (ARC 228), Art, Humanities, Music, Theatre, Chinese, English (except ENG 120, 121, 122, 123, 124, and 126), Dance, Arabic, French, German, Italian, Japanese, Philosophy, Russian, Spanish
3. Science and/or Mathematics3
 Astronomy, Biology, Business Mathematics (AOS 122), Electronic Information Technology (EIT 110), Chemistry, Geography (GEG 121), Geology, Mathematics, Physics
4. Social and Behavioral Science3
 Anthropology, Economics, Education, Geography (except GEG 121), History, Political Science, Psychology, Sociology
5. No course may be used to satisfy more than one General Education Requirement.

Certificates

The College of Lake County awards three types of certificates.

Career Certificates

Certificates in career areas are programs which require less than two years of full-time study. A certificate program is generally distinguished from a degree program by having fewer general education requirements. In order to determine the specific requirement of a certificate program, check the list of certificate programs that is included with the Career Program Descriptions which begin on page 99 in this catalog. Candidates for certificates must submit a completed Petition for Graduation (available in Admissions and Records Office).

All students must meet the following general graduation requirements to earn a career certificate from the college.

1. The satisfactory completion of the hours and courses required for the certificate.
2. For certificates of 30 semester hours or less, students must complete at least one half of the hours required by the certificate while in attendance at the College of Lake County. For certificates in excess of 30 semester hours, students must complete at least 15 hours while in attendance at the College of Lake County (not including credit earned by examination or transfer). Servicemembers and their spouses enrolled in the Servicemember’s Opportunity College Program and Navy personnel enrolled in the Navy Campus for Achievement Program, may meet the graduation requirements regarding semester hours at the college by completion of a minimum of 15 semester hours if his or her active duty assignment takes him or her to a base preventing his or her attendance at College of Lake County courses.
3. The maintenance of a C (2.0) average for all work at CLC used to compute the grade point average.

General Studies Certificates

General studies certificates are awarded to students who successfully complete 30 semester hours in a program which has been designed by the individual student and which has been *prearranged* with the Dean of Adult and Community Education. The program may consist entirely of general studies courses or it may combine general studies courses with appropriate career and/or college transfer courses. Candidates for certificates must submit a completed Petition for Graduation. Contact the Office of Adult and Community Education at (847) 543-2402 for more information.

Class Certificates

A class certificate may be awarded upon completion of a course which fulfills a special educational objective within the Adult and Continuing Education area. Courses for which certificates are awarded may or may not carry academic credit.