UNIVERSITY TRANSFER DEGREES
ASSOCIATE IN ARTS DEGREE

These requirements are effective for new students admitted to ECC beginning summer, 1998 or later.

This degree is designed for transfer to four year institutions and is intended for students majoring in the Liberal Arts: i.e. English, Humanities, Social Sciences, Education to name a few. Students with specific majors in mind will find it helpful to visit our website for educational plans, outlining specific general education courses most appropriate for their transfer major, www.elgin.edu/counseling, select Academic Advising.

Graduates earning this degree meet the requirement for coursework on improving human relations as defined in 110 ILCS 205/9.21 (formerly Ill.Rev. Stat. 1991 Ch. 144 sec. 189.21) or PA-87-581.

The college recommends all students create an Educational Plan with a counselor in the ECC Counseling Center prior to registering. Students with previous academic, career and life experiences are encouraged to have a transcript analysis completed and to investigate CLEP and ECC Proficiency Credit to fulfill prerequisite, course and/or degree requirements.

Each of the courses listed below has an Illinois Articulation Initiative (IAI) equivalent number. Refer to the Course Description section in this catalog for course titles, IAI numbers, and specifics.

1. GENERAL EDUCATION REQUIREMENT ........... 37 sem. hrs.

   A. Communications ........................................... 9 sem. hrs.
       Three courses including a two course sequence in writing (6 semester credits) and one course (3 semester credits) in oral communication. A C or better in English (ENG) 101 and 102 is required for those students entering summer 1999 or later.
       ENG - English 101 and 102 ............................. 6 sem. hrs.
       SPH - Speech 101 .................................... 3 sem. hrs.

   B. Mathematics ............................................. 3 sem. hrs.
       One course from the list below:
       MTH - Math 101, 102, 120, 125, 136, 133, 134, 201
       MTH 110 (for elementary education majors only)

   C. Physical and Life Sciences ......................... 7 sem. hrs.
       Two courses with one course selected from the life sciences and one course from the physical sciences and including one laboratory course
       (Note: L=Lab)
       Physical Sciences
       AY - Astronomy 100
       CHM - Chemistry 115L
       CHM 101L, 112L, 142L (only one counts for IAI Physical Sciences course)
       GEO - Geography 115
       GY - Geology 105, 112L
       PHY - Physics 101L, 111L
       SPC - Physical Science 111L, 211L
       Life Sciences
       BIO - Biology 105, 115L, 135L, 150L
       BIO 110L, 113L (only one counts for IAI Life Sciences course)

   D. Humanities and Fine Arts .............................. 9 sem. hrs.
       Three courses with at least one course selected from humanities and at least one course from the fine arts
       (Note: N=humanity diversity from a non-western perspective; D=human diversity within the United States)
       Humanities
       Foreign Languages FLF 104, FLG 104, FLS 104 (only one counts for IAI Humanities course)
       HIS - History 118, 160
       HUM - Humanities 110, 112, 113,170N, 202, 203N, 204, 205, 216
       HUM 115, 116 (only one counts for IAI Humanities course)
       LIT - Literature 201, 202, 203, 205, 210D, 211D, 214, 215, 216, 217, 223N, 228, 235
       LIT 230, 241, 243, 245 (only one counts for IAI Humanities course)
       LIT 231, 242, 244 (only one counts for IAI Humanities course)

   Fine Arts
       ART - Art 115, 151, 154N, 155
       ART 152, 153 (only one counts for IAI Fine Arts course)
       MUS - Music 104N, 105, 106
       THE - Theatre 100, 122, 124

   Interdisciplinary Humanities & Fine Arts
       (May count as either Humanities or Fine Arts)
       HUM - Humanities 101, 102, 103N
       SPH - Speech 106

   E. Social & Behavioral Sciences .......................... 9 sem. hrs.
       Three courses with at least one course selected from Social Sciences and at least one course selected from Behavioral Sciences
       (Note: N=humanity diversity from a non-western perspective; D=human diversity within the United States)

       1. Social Sciences
       BEC - Economics 101, 102, 103
       GEO - Geography 116N
       HIS - History 101, 102, 115N, 116N, 120N, 121N, 130N, 131N, 140N, 141N, 151, 152
       POS - Political Science 150, 151, 152, 250, 251N, 253N

       2. Behavioral Sciences
       ATR - Anthropology 120N, 210, 220N, 250
       PSY - Psychology 100, 212, 214, 218
       SOC - Sociology 100, 201, 209D, 210, 220D
       PSY 215, SOC 215 (only one counts for IAI Behavioral Sciences course)

2. MAJOR FIELD & ELECTIVE COURSES .............. 23 SEM. HRS.

   Students should choose an intended major at a transfer institution as soon as possible and select courses which are required for their major.

   After fulfilling required courses for their major, students may complete this area with electives. In general, any course numbered 100 or above with a 1.1 code in the course description may be used. If the student wishes to enroll in a course which does not have a 1.1 code he/she should see a counselor prior to enrolling to discuss the transferability of the course.

3. COLLEGE REQUIREMENTS

   1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, DBP, ELC, or ESL prefixes. The 60 hours total may include up to four hours of credit in Physical Education, courses prefixed by PHC, PHM, or PHW.

   2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.

   3. Meet the college’s Academic Residency requirement which means a minimum of 15 semester hours in courses numbered 100 and above must have been achieved at ECC, excluding CLEP and proficiency credits.

   4. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:
      a. A transcript from an Illinois high school, college or university (or GED scores) which shows evidence that the Constitution requirement has been met since 1953 and is on file in the ECC Records Office.
      b. A passing grade in either POS 150 or HIS 151 at ECC or its equivalent at another Illinois college or university.
      c. Successful completion of a Constitution Review test at ECC.

   5. Students may apply up to six hours of Independent Study credit toward any associate degree.
ASSOCIATE IN SCIENCE DEGREE

These requirements are effective for new students admitted to ECC beginning summer, 1998 or later.

This degree is designed for transfer to four year institutions and is intended for students majoring in Computer Science, Engineering/Technology, Mathematics, Sciences, and Health-related Fields. Students with specific majors in mind will find it helpful to visit our website for educational plans, outlining specific general education courses most appropriate for their transfer major. www.elgin.edu/counseling, select Academic Advising.

Graduates earning this degree meet the requirement for coursework on improving human relations as defined in 110 ILCS 205/9.21 (formerly Ill. Rev. Stat. 1991 Ch. 144 sec. 189.21) or PA-87-581.

The college recommends all students create an Educational Plan with a counselor in the ECC Counseling Center prior to registering. Students with previous academic, career and life experiences are encouraged to have a transcript analysis completed and to investigate CLEP and ECC Proficiency Credit to fulfill prerequisite, course and/or degree requirements.

Each of the courses listed below has an Illinois Articulation Initiative (IAI) equivalent number. Refer to the Course Description section in this catalog for course titles, IAI numbers, and specific courses.

1. GENERAL EDUCATION REQUIREMENT .......... 41 sem. hrs.

A. Communications ........................................ 9 sem. hrs.
Three courses including a two course sequence in writing (6 semester credits) and one course (3 semester credits) in oral communication. A C or better in English (ENG) 101 and 102 is required for those students entering summer 1999 or later.
ENG - English 101 and 102 ............................... 6 sem. hrs.
SPH - Speech 101 ........................................... 3 sem. hrs.

B. Mathematics .............................................. 6 sem. hrs.
Two courses selected from the courses listed below
MTH - Math 101, 102, 120, 125, 126, 133, 134, 201
MTH 113 (for elementary education majors only)

C. Physical and Life Sciences ......................... 8 sem. hrs.
Two courses with one course selected from the life sciences and one course from the physical sciences and including one laboratory course (Note: L=Lab)

Physical Sciences
ATY - Astronomy 100
CHM - Chemistry 115L
CHM - 101L, 112L, 142L (only one counts for IAI Physical Sciences course)
GEO - Geography 115
GLY - Geology 105, 112L
PHY - Physics 101L, 111L
SPC - Physical Science 111L, 211L

Life Sciences
BIO - Biology 105, 115L, 135L, 150L
BIO 110L, 113L (only one counts for IAI Life Sciences course)

D. Humanities and Fine Arts .............................. 9 sem. hrs.
Three courses with at least one course selected from humanities and at least one course from the fine arts (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)

Humanities
Foreign Languages FLF 104, FLG 104, FLS 104 (only one counts for IAI Humanities course)
HIS - History 118, 160
HUM - Humanities 110, 112, 113, 170N, 202, 203N, 204, 205, 216
HUM 115, 116 (only one counts for IAI Humanities course)
LIT - Literature 201, 202, 203, 205, 210D, 211D, 214, 215, 216, 217, 223N, 229, 235
LIT 230, 241, 243, 245 (only one counts for IAI Humanities course)
LIT 231, 242, 244 (only one counts for IAI Humanities course)

Fine Arts
ART - Art 115, 151, 154N, 155
ART 152, 153 (only one counts for IAI Fine Arts course)
MUS - Music 104N, 105, 106
THE - Theatre 100, 122, 124

Interdisciplinary Humanities & Fine Arts
(May count as either Humanities or Fine Arts)
HUM - Humanities 101, 102, 103N

E. Social & Behavioral Sciences ......................... 9 sem. hrs.
Three courses with at least one course selected from Social Sciences and at least one course selected from Behavioral Sciences
(Note: N=human diversity from a non-western perspective; D=human diversity within the United States)

1. Social Sciences
BEC - Economics 101, 102, 103
GEO - Geography 116N
HIS - History 101, 102, 115N, 116N, 120N, 121N, 130N, 131N, 140N, 141N, 151, 152
POS - Political Science 150, 151, 152, 250, 251N, 253N

2. Behavioral Sciences
ATR - Anthropology 120N, 210, 220N, 250
PSY - Psychology 100, 212, 214, 218
SOC - Sociology 100, 201, 209D, 210, 220D

Students should choose an intended major at a transfer institution as soon as possible and select courses which are required for their major.

After fulfilling required courses for their major, students may complete this area with electives. In general, any course numbered 100 or above with a 1.1 code in the course description may be used. If the student wishes to enroll in a course which does not have a 1.1 code he/she should see a counselor prior to enrolling to discuss the transferability of the course.

3. COLLEGE REQUIREMENTS

1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, DPB, ELC, or ESL prefixes. The 60 hours total may include up to four hours of credit in Physical Education, courses prefixed by PHC, PHM, or PHW.

2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.

3. Meet the college’s Academic Residency requirement which means a minimum of 15 semester hours in courses numbered 100 and above must have been achieved at ECC, excluding CLEP and proficiency credits.

4. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:
   a. A transcript from an Illinois high school, college or university (or GED scores) which shows evidence that the Constitution requirement has been met since 1953 and is on file in the ECC Records Office.
   b. A passing grade in either POS 150 or HIS 151 at ECC or its equivalent at another Illinois college or university.
   c. Successful completion of a Constitution Review test at ECC.

5. Students may apply up to six hours of Independent Study credit toward any associate degree.
UNIVERSITY TRANSFER DEGREES
ASSOCIATE IN FINE ARTS DEGREE

These requirements are effective for new students admitted to ECC beginning summer, 1998 or later.

VISUAL ART EMPHASIS

Illinois colleges and universities offer two different bachelor’s degrees in art: the professional Bachelor of Fine Arts (B.F.A.) Degree and the Bachelor of Arts (B.A.) Degree with a major in art. In general, the B.F.A. Degree requires about 135 semester credits for completion, while the B.A. degree with a major in art requires 120 to 124 semester credits for completion. The B.F.A. degree generally requires more studio art courses than does the B.A. degree. In some colleges and universities a B.A. degree competencies in a foreign language while the B.F.A. degree often does not.

To transfer as a junior into either a B.F.A. or a B.A. program with a major in art, students should select the option described below in consultation with a faculty member in the art department. Since transfer admission is competitive, completion of this option does not guarantee admission. Most institutions require a portfolio review for admission to a B.F.A. program, for registration into advance studio art courses, and/or for scholarship consideration. Community and junior college students are strongly encouraged to complete an associate degree before transferring.

The General Education courses required for the A.F.A. degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the A.F.A. degree does not meet the minimum IAI general education core requirements.

1. GENERAL EDUCATION REQUIREMENT .......... 31-33 sem. hrs.
   Each of the courses listed below has an IAI equivalent number. Refer to the Course Description section in this catalog for course titles, IAI numbers, and specifics.

   A. Communications ........................................ 9 sem. hrs.
      Three courses including a two course sequence in writing (6 semester credits) and one course (3 semester credits) in oral communication. A C or better in English (ENG) 101 and 102 is required for freshmen entering summer 1999 or later.
      ENG - English 101 and 102 ................................. 6 sem. hrs.
      SPH - Speech 101 ......................................... 3 sem. hrs.

   B. Mathematics .............................................. 3-4 sem. hrs.
      One course selected from the courses listed below
      MTH - Math 101, 102, 120, 125, 126, 133, 134, 201

   C. Physical & Life Sciences ............................. 7-8 sem. hrs.
      Two courses with one course selected from the Physical Sciences and one course from the Life Sciences and including one laboratory course (Note: L=Lab)
      Physical Sciences
      ATY - Astronomy 100
      CHM - Chemistry 115L
      CHM 101L, 112L, 142L (only one counts for IAI Physical Sciences course)
      GEO - Geography 115
      GLY - Geology 105, 112L
      PHY - Physics 101L, 111L
      SPC - Physical Science 111L, 211L
      Life Sciences
      BIO - Biology 105, 115L, 135L, 150L
      BIO 110L, BIO 113L (only one counts for IAI Life Sciences course)

   D. Humanities .............................................. 6 sem. hrs.
      (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)
      Humanities
      Foreign Language FLF 104, FLG 104, FLS 104 (only one counts for IAI Humanities course)
      HIS - History 118, 160
      HUM - Humanities 101, 102, 103N, 110, 112, 113,170N, 202, 203N, 204, 205, 216
      HUM 115, 116 (only one counts for IAI Humanities course)
      LIT - Literature 201, 202, 203, 205, 210D, 211D, 214, 215, 216, 217, 223N, 229, 235
      LIT 230, 241, 243, 245 (only one counts for IAI Humanities course)
      LIT 231, 242, 244 (only one course for IAI Humanities course)
      SPH - Speech 106

   E. Social & Behavioral Sciences ...................... 6 sem. hrs.
      Two courses with one course selected from Social Sciences and one course from Behavioral Sciences
      (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)
      Social Sciences
      BEG - Economics 101, 102, 103
      GEO - Geography 116N
      HIS - History 101, 102, 115N, 116N, 120N, 121N, 130N, 131N, 140N, 141N, 151, 152
      POS - Political Science 150, 151, 152, 250, 251N, 253N
      Behavioral Sciences
      ATR - Anthropology 120N, 210, 220N, 250
      PSY - Psychology 100, 212, 214, 218
      SOC - Sociology 100, 201, 209D, 210, 220D
      PSY 215, SOC 215 (only one counts for IAI Behavioral Sciences course)

2. MAJOR FIELD & ELECTIVE COURSES

   Required Art Courses ...................................... 21 sem. hrs.
   Art History, ART 151, 152, and/or 153 ........................ 6 sem. hrs.
   Drawing, ART 101 and 102 .................................. 6 sem. hrs.
   Two-Dimensional Design, ART 109 ........................ 3 sem. hrs.
   Three-Dimensional Design, ART 110 ...................... 3 sem. hrs.
   Life/Figure Drawing, ART 201 ............................. 3 sem. hrs.

   Elective Studio Art Courses ............................. 9 sem. hrs.

   Select studio art courses from at least two of the following disciplines in consultation with an art faculty member:
   Painting, ART 107, *108
   Ceramics, ART 105, *106
   Sculpture, ART 103, *104
   Printmaking, ART 113, *114
   Jewelry and Metalworking, ART 111, *112
   Photography, ART 120, *121

   *Transferability of this course is dependent on a portfolio examination at the senior institution.

3. COLLEGE REQUIREMENTS

   1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, DPB, ELC or ESL prefixes. The 60 hours total may include up to four hours of credit in Physical Education, courses prefixed by PHC, PHM or PHW.

   2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.

   3. Meet the college’s Academic Residency requirement which means a minimum of 15 semester hours in courses numbered 100 and above must have been achieved at ECC, excluding CLEP and proficiency credits.
4. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:
   a. A transcript from an Illinois high school, college or university (or GED scores) which shows evidence that the Constitution requirement has been met since 1953 and is on file in the ECC Records Office.
   b. A passing grade in either POS 150 or HIS 151 at ECC or its equivalent at another Illinois college or university.
   c. Successful completion of a Constitution Review test at ECC.

5. Students may apply up to six hours of Independent Study credit toward any associate degree.

Music Performance Emphasis

Any community or junior college student who intends to major in music for the baccalaureate degree is strongly encouraged to complete the Associate in Fine Arts (A.F.A.) Degree in music, not the Associate in Arts (A.A.) Degree or the Associate in Science (A.S.) Degree prior to transfer.

To transfer as a junior into a baccalaureate program with a major in Music, students should select the option described in consultation with a faculty member in the music department. Completion of the A.F.A. degree, however, does not fulfill the requirements of the Illinois General Education Core Curriculum, nor does it fulfill the requirements for the A.A. or the A.S. degree. Therefore, students will need to fulfill the general education requirements of the institution to which they transfer. Transfer admission is competitive. Completion of this option alone does not guarantee admission either to the baccalaureate program or to upper-division or specialty music courses. Students may be required to demonstrate skill level through auditions and placement testing at the institution to which they transfer. In some colleges and universities a baccalaureate degree may also require competency in a foreign language.

The General Education courses required for the A.F.A. degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the A.F.A. degree does not meet the minimum IAI general education core requirements.

1. GENERAL EDUCATION REQUIREMENT ........ 28-32 sem. hrs.
   Each of the courses listed below has an Illinois Articulation Initiative (IAI) equivalent number. Refer to the Course Description section in this catalog for course titles, IAI numbers, and specifics.

   A. Communications ........................................ 9 sem. hrs.
      Three courses including a two course sequence in writing (6 semester credits) and one course (3 semester credits) in oral communication. A C or better in English (ENG) 101 and 102 is required for freshmen entering summer 1999 or later.
      ENG - English 101 and 102 .......................... 6 sem. hrs.
      SPH - Speech 101 ..................................... 3 sem. hrs.

   B. Mathematics ............................................ 3-4 sem. hrs.
      One course selected from the courses listed below
      MTH - Math 101, 102, 120, 125, 126, 133, 134, 201

   C. Physical & Life Sciences ......................... 7-8 sem. hrs.
      Two courses with one course selected from the Physical Sciences and one course from the Life Sciences and including one laboratory course (Note: L=Lab)
      Physical Sciences
      ATY - Astronomy 100
      CHM - Chemistry 115L
      CHM 101L, 112L, 142L (only one counts for IAI Physical Sciences course)
      GEO - Geography 115
      GLY - Geology 105, 112L
      PHY - Physics 101L, 111L
      SPC - Physical Science 111L, 211L
      Life Sciences
      BIO - Biology 105, 115L, 135L, 150L
      BIO 110L, 113L (only one counts for IAI Life Sciences course)

   D. Humanities ............................................. 6-7 sem. hrs.
      (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)
      Humanities
      Foreign Language FLF 104, FLG 104, FLS 104 (only one counts for IAI Humanities course)
      HIS - History 118, 160
      HUM - Humanities 101, 102, 103N, 110, 112, 113, 170N, 202, 203N, 204, 205, 216
      HUM 115, 116 (only one counts for IAI Humanities course)
      LIT – Literature 201, 202, 203, 205, 210D, 211D, 214, 215, 216, 217, 223N, 229, 235
      LIT 230, 241, 243, 245 (only one counts for IAI Humanities course)
      LIT 231, 242, 244 (only one counts for IAI Humanities course)
      SPH - Speech 106

   E. Social & Behavioral Sciences .................... 3-4 sem. hrs.
      One course selected from the courses listed below
      (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)
      Social Sciences
      BEC - Economics 101, 102, 103
      GEO - Geography 116N
      HIS - History 101, 102, 115N, 116N, 120N, 121N, 130N, 131N, 140N, 141N, 151, 152
      POS - Political Science 150, 151, 152, 250, 251N, 253N
      Behavioral Sciences
      ATR - Anthropology 120N, 210, 220N, 250
      PSY - Psychology 100, 212, 214, 218
      SOC - Sociology 100, 201, 209D, 210, 220D
      PSY 215, SOC 215 (only one counts for IAI Behavioral Sciences course)

2. MAJOR FIELD COURSES ........................... 35 sem. hrs.
   Music Theory & Aural Skills ........................... 16 sem. hrs.
   Music Literature/History ............................. 16 sem. hrs.
   MUS 128, 129, 228, and 229
   Music Theory .............................. 4 sem. hrs.
   MUS 106
   Keyboard Skills ................................ 4 sem. hrs.
   MUS 126 and 127
   Ensemble ..................................... 4 sem. hrs.
   MUS 101, 102, 108, 110, 111, 112, 124
   Applied Instruction ........................... 8 sem. hrs.
   MUS 140 and 240

3. COLLEGE REQUIREMENTS
   1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, DPB, ELC, or ESL prefixes. The 60 hours total may include up to four hours of credit in Physical Education, courses prefixed by PHC, PHM, or PHW.
   2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.
   3. Meet the college’s Academic Residency requirement which means a minimum of 15 semester hours in courses numbered 100 and above and must have been achieved at ECC, excluding CLEP and proficiency credits.
   4. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:
      a. A transcript from an Illinois high school, college or university (or GED scores) which shows evidence that the Constitution requirement has been met since 1953 and is on file in the ECC Records Office.
      b. A passing grade in either POS 150 or HIS 151 at ECC or its equivalent at another Illinois college or university.
      c. Successful completion of a Constitution Review test at ECC.
ASSOCIATE IN ENGINEERING SCIENCE DEGREE

These requirements are effective for new students admitted to ECC beginning Summer 1998.

Bachelor’s engineering programs are highly structured to meet the Accreditation Board for Engineering and Technology (ABET) standards required for candidates seeking Illinois registration as a professional engineer. The Associate in Engineering Science (AES) Degree is designed to parallel the first two years of pre-engineering programs at most Illinois universities and facilitates students transferring into a bachelor’s engineering program with junior standing.

Due to the rigor of the AES curriculum, it is ideal for students to have taken a fourth course of math in high school, or at least have an aptitude in science and math.

Students should select courses in consultation with a counselor and should decide on their engineering specialty and their preferred transfer school at the beginning of the sophomore year (at 30 semester hours), since engineering course selections may vary by specialty and school. Admission into engineering is very competitive. Completion of the pre-engineering courses alone does not guarantee admission to an engineering program.

The General Education courses required for the AES degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the AES does not meet the minimum IAI General Education Core Requirements. Students will need to complete the general education requirements of the school to which they transfer.


| A. Communications ........................................ 6 Sem. Hrs. |
| ENG 101(3), 102(3) |

| B. Mathematics ............................................ 9 Sem. Hrs. |
| MTH 133(4), 134(5) |

| C. Life/Physical Science ................................... 10 Sem. Hrs. |
| CHM 142(5), PHY 111L(5) |

| D. Humanities/Fine Arts .................................. 3-9 Sem. Hrs. |
| Choose from approved IAI courses listed below. (If two courses are selected, a two-course sequence in the same discipline is recommended.) |
| Humanities |
| Foreign Language: FLF 104(4), FLG 104(4) FLS 104(4) (only one counts for IAI Humanities course) |
| History: HIS 118(3), 160(3) |
| HUM 115, 116 (one counts as IAI Humanities course) |
| LIT 231(3), 242(3), 244(3) (only one counts as IAI Humanities course) |
| LIT 230(3), 241(3), 243(3), 245(3) (only one counts as IAI Humanities course) |
| SPH - Speech 106(3) |
| Fine Arts |
| Art: ART 115(3), 151(3), 154N(3), 155(3) |
| ART 152(3), 153(3) (one only counts as IAI Fine Arts course) |
| Humanities: HUM 101(3), 102(3), 103N(3) |
| Music: MUS 104N(3), 105(3), 106(3) |
| Speech: SPH 106(3) |
| Theatre: THE 100 (3), 122 (3), 124(3) |

| E. Social/Behavioral Science .......................... 3-9 Sem. Hrs. |
| Choose from Approved IAI Courses listed below. (If two courses are selected, a two-course sequence in the same discipline is recommended.) |
| Social Science |
| Economics: BEC 101(3), 102(3), 103(3) |
| Geography: GEO 116N(3) |
| Political Science: POS 150(3), 151(3), 152(3), 250(3), 251N(3), 253N(3) |

Behavioral Science
| Anthropology: 120N(3), 210(3), 220N(3), 250(3) |
| Psychology: PSY 100(3), 212(3), 214(3), 218(3) |
| Sociology: SOC 100(3), 201(3), 209D(3), 210(3), 220D(3) |
| PSY 215(3), SOC 215(3) (only one counts for IAI Behavioral Sciences course) |

2. *Essential Prerequisite and Pre-Engineering Specialty Courses ........................................ 22-33 Sem. Hrs.

| A. Essential Prerequisite Courses .................. 17 Sem. Hrs. |
| CIS/MTH 123(4) |
| MTH 201(5), 202(3) |
| PHY 112(5) |

| B. Pre-Engineering Specialty Courses .......... 5-16 Sem. Hrs. |
| BEC 103(3) |
| CHM 143(3), 234(3), 235(5) |
| CIS 223(4) |
| EGR 101(4), 152(3), 252(3) |
| PHY 113(1) |

*No math lower than calculus I (MTH 133) will count towards the degree.

C. Major Field and Elective Courses by Specialty

1. **For Mechanical Engineering** (Also General Engineering, Aeronautical Engineering, Manufacturing Engineering, and Engineer Mechanics)
   | EGR 101, EGR 152, EGR 252 |
   | **Electrical Circuits** |

2. **For Chemical Engineering**
   | CHM 143, CHM 234, CHM 235 |

3. **For Civil Engineering**
   | EGR 101, EGR 152, EGR 252 |

4. **For Computer and Electrical Engineering**
   | EGR 252, BEC 103 |
   | **Electrical Circuits** |

5. **For Industrial Engineering**
   | EGR 152, EGR 252, BEC 103 |
   | **The Electrical Circuits courses are available to ECC students at several local community colleges at in-district tuition costs. Please check with the Dean of Counseling and Career Services for an up-to-date list and directions.** |

6. Since the following specialties are only offered by one or two schools, see the school for advice on course selection:
   - Agricultural Engineering (University of Illinois at Urbana-Champaign)
   - Bioengineering (University of Illinois at Chicago and at Urbana-Champaign)
   - Materials Sciences and Engineering (IIT and University of Illinois at Urbana-Champaign)
   - Mining Engineering (Southern Illinois University at Carbondale)
   - Nuclear Engineering (University of Illinois at Urbana-Champaign)

3. College Requirements

| A. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, DPB, ELC, or ESL prefixes. |
| B. No course with a grade less than C will transfer; transfer admission is very competitive. |
| C. Meet the college's Academic Residency requirement, which means a minimum of 15 semester hours in courses numbered 100 and above must have been achieved at ECC, excluding CLEP and proficiency credits. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:
  a. A transcript from an Illinois high school, college or university (or GED scores) which shows evidence that the Constitution requirement has been met since 1953 and is on file in the ECC Records Office. |
  b. A passing grade in either POS 150 or HIS 151 at ECC or its equivalent at another Illinois college or university. |
  c. Successful completion of a GED Exam test at ECC. |
| D. Students may apply up to six hours of Independent Study credit toward any associate degree. |
UNIVERSITY TRANSFER DEGREES

ASSOCIATE IN LIBERAL STUDIES DEGREE

This highly individualized degree combines both liberal arts and sciences and occupational education course work. It provides a greater element of freedom for the student and is especially beneficial for anyone with broad life or educational experiences.

Because of the individualized nature of this degree, all students pursuing it should develop an educational plan with a counselor and should discuss transfer implications as they develop the plan.

The college requires these students to have a plan of study approved by the Dean of Students or the Associate Dean of Counseling and Career Services on file.

Students with previous academic, career and life experiences are encouraged to investigate the options of proficiency credit to substitute their acquired knowledge for prerequisite, course and/or degree requirements.

This degree is intended to articulate to universities offering the Board of Governor’s baccalaureate degree. Transfer of this degree to institutions which do not offer it may result in some loss of credit. Universities offering the Board of Governor’s degree are:

- Chicago State University
- Eastern Illinois University
- Governors State University
- University of Illinois at Springfield
- Western Illinois University

Graduates earning this degree meet the requirement for coursework on improving human relations as defined in 110 ILCS 205/9.21 (formerly Ill. Rev. Stat. 1991 Ch. 144 sec. 189.21) or PA-87-581.

1. COURSE REQUIREMENTS ............... 60 SEMESTER HOURS

See the Course Description section of this catalog for course titles and descriptions.

<table>
<thead>
<tr>
<th>A. Communications</th>
<th>B. Science</th>
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<tbody>
<tr>
<td>English Composition I and II (ENG) 101 and 102 ... 6 sem. hrs.</td>
<td>ATM 100 Astronomy 3 sem. hrs.</td>
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<tr>
<td>Speech (SPH) 101 ................................................ 3 sem. Hrs</td>
<td>BIO 105 Survey of Environmental Biology 3 sem. hrs.</td>
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<tr>
<td>B. Science ............................................................... 3 sem. hrs.</td>
<td></td>
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<tr>
<td>ATM 100 Astronomy ..................................................... 3</td>
<td>BIO 110 Principles of Biology 4 sem. hrs.</td>
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<tr>
<td>BIO 105 Survey of Environmental Biology 3 sem. hrs.</td>
<td>BIO 113 Molecular &amp; Cellular Biology 4 sem. hrs.</td>
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<tr>
<td>BIO 115 Environmental Biology 4 sem. hrs.</td>
<td>BIO 120 General Microbiology 4 sem. hrs.</td>
</tr>
<tr>
<td>BIO 130 Human Anatomy &amp; Physiology 5 sem. hrs.</td>
<td>BIO 135 Human Anatomy and Physiology I 4 sem. hrs.</td>
</tr>
<tr>
<td>BIO 136 Human Anatomy and Physiology II 4 sem. hrs.</td>
<td>BIO 145 Human Gross Anatomy 4 sem. hrs.</td>
</tr>
<tr>
<td>BIO 145 Human Gross Anatomy 4 sem. hrs.</td>
<td>BIO 150 General Botany 4 sem. hrs.</td>
</tr>
<tr>
<td>CHM 101 Preparatory Chemistry 5 sem. hrs.</td>
<td>CHM 151 Preparatory Chemistry 4 sem. hrs.</td>
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<tr>
<td>CHM 112 Elements of Chemistry: General 5 sem. hrs.</td>
<td>CHM 115 Chemistry and Society 4 sem. hrs.</td>
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<tr>
<td>CHM 114 General Chemistry I 5 sem. hrs.</td>
<td>CHM 142 General Chemistry I 5 sem. hrs.</td>
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<tr>
<td>CHM 143 General Chemistry II 5 sem. hrs.</td>
<td>CHM 170 Survey of Physical Science 4 sem. hrs.</td>
</tr>
<tr>
<td>CHM 221 Quantitative Analysis 4 sem. hrs.</td>
<td>CHM 234 Organic Chemistry 5 sem. hrs.</td>
</tr>
<tr>
<td>GEO 115 Introduction to Physical Geography 3 sem. hrs.</td>
<td>GLY 105 Environmental Geology 3 sem. hrs.</td>
</tr>
<tr>
<td>SPC 211 Earth Science 4 sem. hrs.</td>
<td>C. Math (MTH) or BUS 120 Business Mathematics 3 sem. hrs.</td>
</tr>
</tbody>
</table>

D. Behavioral Sciences ............................................... 3 sem. hrs.

- Anthropology (ATR)
- Psychology (PSY)
- Sociology (SOC)

E. Social Sciences ...................................................... 3 sem. hrs.

- Economics (BEC/ECN)
- History (HIS)
- Geography (GEO 116 only)
- Political Science (POS)
- International Studies (INS), excluding non-traditional languages

F. Areas of Concentration ........................................... 39 sem. hrs.

One area of concentration from an occupational/vocational field; another from the liberal arts and sciences curriculum.

2. COLLEGE REQUIREMENTS

1. A total of 60 hours or more must be completed as specified above. This total cannot include any credits earned in courses numbered below 100 nor any courses with ABE, DPB, ELC, or ESL prefixes. The 60 hours total may include up to four hours of credit in Physical Education, courses prefixed by PHC, PHM, or PWH.

2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.

3. Meet the college’s Academic Residency requirement which means a minimum of 15 semester hours in courses numbered 100 and above must have been achieved at ECC, excluding CLEP and proficiency credits.

4. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:

A. A transcript from an Illinois high school, college or university (or GED scores) which shows evidence that the Constitution requirement has been met since 1953 and is on file in the ECC Records Office.

B. A passing grade in either Political Science 150 or U.S. History 151 at ECC or its equivalent at another Illinois college/university.

C. Successful completion of a Constitution Review test at ECC.

5. Students may apply up to six hours of Independent Study credit toward any associate degree.
CAREER & TECHNICAL EDUCATION DEGREE & CERTIFICATES

Career & Technical Education is an outstanding way to enter or re-enter the workforce quickly. It represents more than 140 options of more than 40 different careers that can be completed in two years or less. Programs of study are:

Business
- Accounting
- Business Transfer
- Entrepreneurship
- Management
- Marketing & Retail Management
- Office Administration Technology
  - Administrative Office Professional
  - Information Processing Professional
  - Legal Office Professional
- Paralegal
- Nurse - Legal Consultant
- Real Estate

Computer Technologies
- Computer Aided Design & Drafting
- Computer & Information Sciences
- Computer Service Technician
- Data Communications
- Internet Programming
- Microcomputer Specialist
- Network Administration
- Visual Basic Programming
- Web Technician

Electronics
- Electronics Communications
- Graphic Design
- Computerized Graphic Design
- Illustration
- Multimedia Design
- Web Design

Office Technology Applications
- MOS Certifications

Health Professions
- Clinical Laboratory Technology
- Clinical Laboratory Assistant
- Dental Assisting
- Emergency Medical Technician - Paramedic
- Nursing
  - Registered Nursing
  - Licensed Practical Nursing
  - Basic Nurse Assistant+
- Phlebotomy
- Surgical Technology

Early Childhood Education
- Director, Teacher, Aide
- Montessori

Fitness
- Personal Trainer

Hospitality Professions
- Culinary Arts & Hospitality Institute of Elgin
  - Culinary Arts
  - Pastry Arts
  - Restaurant Management
  - Sanitation Certification
  - Hotel Management
  - Meeting & Convention Planning

Human Service Professions
- Family Violence Counseling
- Mental Health Generalist
- Psychiatric Rehabilitation
- Substance Abuse Counseling & Prevention

Industrial Technologies
- Environmental Control Systems
- Heating, Air Conditioning & Refrigeration
- Industrial Manufacturing Technology
  - CNC Operator
  - Machine Tool
  - Thermoplastics Injection Molding
  - Welding

Public Service Professions
- Criminal Justice
- Fire Science & Safety
- Public Safety Communications (911)

Transportation
- Automotive
- Truck Driving

VOCATIONAL SKILLS GUARANTEE

It is the policy of the Board of Trustees that students graduating with an Associate of Applied Science Degree in an occupational program be guaranteed competency in the technical skills represented in the degree. Should the graduate not be able to demonstrate the basic skills expected to his or her employer, the student will be offered up to 15 credit hours of retraining at no additional cost, subject to the following conditions:

A. The course work for the degree must have been completed at ECC.
B. The student must have graduated within three years of initial enrollment.
C. The student must be employed full-time in a job directly related to his/her program of study within one year of graduation from the approved program at ECC.
D. The employer must verify in writing within 90 days of the graduate’s initial employment that the graduate lacks competency in specific technical skills, as represented in the degree.
E. Specific competencies must be identified and verified by the employer in written documentation submitted to ECC.
F. The retraining must be limited to courses regularly offered by the college and completed within one academic year.
G. A written retraining plan must be developed by the employer, the graduate and the appropriate instructional dean specifying the courses needed for retraining and the competencies to be demonstrated.
H. Prerequisites, corequisites and other admission requirements for retraining courses must be met and are not included in those courses covered in this policy.
I. Should the student audit, withdraw or not receive a passing grade in a course identified in the retraining plan, it will be included in the offer of 15 credit hours.
J. The Board will waive tuition and lab fees for those courses identified in the retraining plan, but the student must be responsible for any other costs that might be associated with taking the course.

This policy does not apply to those programs in which the graduates are licensed, including, but not limited to, nursing.

The sole recourse available to participants enrolled in this guarantee program shall be limited to retraining in the same class with no recourse for damages, court costs, or any associated costs of any kind or right to appeal beyond those specified by ECC.
These requirements are effective for new students admitted to ECC beginning summer, 2002.

The college recommends that all students create an Educational Plan with a counselor in the ECC Counseling Center prior to registering. Students with previous academic, career and life experiences are encouraged to investigate the proficiency credit options to substitute their acquired knowledge for prerequisite, course and/or degree requirements.

This degree is not intended for transfer. For information about courses in the curricula that will transfer or about a transfer-oriented program, see an ECC counselor.

1. CURRICULUM REQUIREMENTS

The student must satisfactorily complete all courses specified in the curriculum of their choice. See the Career & Technical Education Curricula section and the Course Description section of this catalog for details.

A. Communications ............................................... 6-9 sem. hrs.

B. Social or Behavioral Science

C. Math or Science

D. A minimum of 3 hours in Liberal Education selected from among the following:

1. A total of 60 hours or more must be completed in courses numbered 100 and above as specified in the curriculum. This total cannot include any courses with ABE, DPB, ELC, or ESL prefixes.

2. A minimum cumulative grade point average of 2.0 for all courses that are applied to the degree.

3. Meet the college’s Academic Residency requirement which means a minimum of 15 semester hours must have been achieved at ECC, excluding CLEP and proficiency credits.

4. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:

5. Students may apply up to six hours of Independent Study credit toward any associate degree.

CAREER & TECHNICAL EDUCATION DEGREE & CERTIFICATES

ASSOCIATE IN APPLIED SCIENCE DEGREE

ACCOUNTING

Early Childhood Education Option

Automotive Service Technology

Family Violence Counseling Option

Clinical Laboratory Technology

Mental Health Generalist Option

Computer Aided Design

Psychiatric Rehabilitation

Drafting Technology

Substance Abuse Counseling

Computer & Information Sciences

Option

Internet Specialist

Substance Abuse Prevention

Microcomputer Specialist

Option

Network Specialist

Industrial Manufacturing Technology

Criminal Justice

Machine Tool Technology

Culinary Management -

Management

Culinary Arts

Marketing

Restaurant Management

Multimedia Design

Electronics Manufacturing

Nursing

Electronics Technology

Office Administration Technology

Entrepreneurship

Administrative Office Professional

Environmental Control Systems

Option

Fire Science and Safety

Legal Office Professional Option

Graphic Design

Medical Office Professional Option

Computerized Graphic Design

Information Processing Professional Option

Illustration Option

Pastry Arts

Heating, Air Conditioning, and Refrigeration

Retail Management

Hotel Management

Welding Fabrication Technology

Human Services

2. GENERAL EDUCATION REQUIREMENTS

A. Communications ............................................... 6-9 sem. hrs.

Unless particular courses are specified in the curriculum, students must take two of the writing courses listed below. See the Curriculum and Course Description sections of this catalog for details about courses.

ENG 101 English Composition I ........................................ 3

ENG 102 English Composition II ................................... 3

BUS 101 Business Communications ................................. 3

BUS 142 Report Writing .................................................. 3

Some curricula require SPH 101, Fundamentals of Speech (3), in addition to the 6 hours of written communications.

B. Social or Behavioral Science

Unless a particular course is specified in the curriculum, students must choose a course or courses numbered 100 and above from the disciplines listed below. See the Curriculum and Course Description sections for details about courses.

Anthropology (ATR) ................................................... Political Science (POS)

Economics (BEC/ECN) ................................................ Psychology (PSY)

Geography (GEO 116 only) ........................................... Sociology (SOC)

History (HIS) ..............................................................

International Studies (INS), excluding non-traditional languages

C. Math or Science

Unless a particular course is specified in the curriculum, students must choose a math or science course numbered 100 and above from the list below. See the Curriculum and Course Description sections for details about courses. (Please note: Although it does not have a MTH or science prefix, BUS 120 Business Mathematics fulfills this requirement in all degrees with a business emphasis.)

Mathematics (MTH)

Astronomy (ATY)

Botany (BIO)

Chemistry (CHM)

Geography (GEO 115 only)

Geology (GLY)

Microbiology (BIO)

Physics (PHY)

Psychology (PSY)

Science (SCI/SPC)

D. A minimum of 3 hours in Liberal Education selected from among the following:

ART 115 Art Appreciation ............................................. 3

ART 151 History of Art I ............................................... 3

ART 152 History of Art II ............................................. 3

ART 153 History of Art III ............................................ 3

ART 154 Survey of Non-Western Art ............................... 3

ART 155 History of Photography ................................... 3

FRENCH, GERMAN, RUSSIAN, OR SPANISH ..................... 3-4

HIS 118 Foundations of Civilization .............................. 3

HIS 160 American Civilization ...................................... 3

HUM, Any Humanities Course ...................................... 3

INS, International Studies, non-traditional languages ......... 2

LIT, Any Literature Course ........................................... 3

MUS 104 Musics of the World ...................................... 3

MUS 105 Music Appreciation ....................................... 3

MUS 106 Music Literature 1440-1750 ............................. 3

MUS 107 Music Literature 1750 to present ....................... 3

SPH 106 Introduction to Broadcasting & Film .................. 3

SPH 120 Oral Interpretation of Literature ....................... 3

THE 100 Theatre Appreciation ..................................... 3

THE 122 Intro-Theatre History & Literature ..................... 3

THE 124 American Drama ........................................... 3

3. COLLEGE REQUIREMENTS

1. A total of 60 hours or more must be completed in courses numbered 100 and above as specified in the curriculum. This total cannot include any courses with ABE, DPB, ELC, or ESL prefixes.

2. A minimum cumulative grade point average of 2.0 for all courses that are applied to the degree.

3. Meet the college’s Academic Residency requirement which means a minimum of 15 semester hours must have been achieved at ECC, excluding CLEP and proficiency credits.

4. Fulfill the requirements of Illinois Senate Bill 195 in one of the following ways:

A. A transcript from an Illinois high school, college or university (or GED scores) which shows evidence that the Constitution requirement has been met since 1953 and is on file in the ECC Records Office;

B. A passing grade in either Political Science 150 or U.S. History 151 at ECC or its equivalent at another Illinois college/university;

C. Successful completion of a Constitution Review test at ECC.

5. Students may apply up to six hours of Independent Study credit toward any associate degree.
The college recommends that all students create an Educational Plan with a counselor in the ECC Counseling Center prior to registering. Students with previous academic, career and life experiences are encouraged to investigate the proficiency credit options to substitute their acquired knowledge for prerequisite, course and/or degree requirements.

These certificates are not intended for transfer. For information about courses in the curricula that will transfer see an ECC counselor.

1. CURRICULUM REQUIREMENTS

The student must satisfactorily complete all courses specified in the curriculum of their choice. For details about these curricula, see the Career & Technical Education Curricula and Course Description sections of this catalog.

A. For curricula with 30-50 total semester hours of credit, the Vocational Specialist Certificate is awarded.
   Accounting/Office Technology
   Administrative Office Assistant
   Advanced Entrepreneurship
   Computer Technical Support
   Data Communications and Networking
   Dental Assisting
   Electronics Technology
   Environmental Control Systems
   Family Violence Counseling
   Fire Science & Safety
   First Cook
   Heating AC & Refrigeration Level III
   Hotel Management & Marketing
   Hotel Management Operations
   Human Services - Early Childhood Education
   Human Services - Mental Health
   Human Services - Substance Abuse Counseling
   Human Services - Teacher Aide
   Information Processing Assistant
   Intermediate Entrepreneurship
   Legal Office Assistant
   Machine Tool Operations
   Medical Office Assistant
   Mold Making
   Pastry Chef Assistant
   Practical Nursing
   Public Safety Communications
   Restaurant Operations
   Sheet Metal Mechanics
   Supervisory & Administrative Management
   Surgical Technology
   Welding

In most cases, the courses required for a Vocational Specialist Certificate may be applied toward an Associate of Applied Science Degree in the same field if the student wishes to continue study. See an ECC counselor for details.

B. For curricula with 3-29 total semester hours, the Basic Vocational Specialist Certificate is awarded.
   Advanced Web Design
   Airbrush Design
   Auto-CAD
   Automotive Electrical Specialist
   Baking Assistant
   Basic Nurse Assistant Training Program
   Brake & Suspension Specialist
   Clinical Laboratory Assistant
   CNC Operator
   Computer Office Assistant
   Computer Service Technician
   Culinary Management Cooks Helper
   Data Entry Office Assistant
   Digital Technology
   Electronic Communications
   Emergency Medical Technology-Paramedic
   EMS
   Engine Mechanical Repair Specialist
   Engine Performance Specialist
   Fire Officer I
   Fire Science
   Graphic Software Level I
   Graphic Software Level II
   Hazardous Materials & Apparatus
   Heating AC & Refrigeration Level I
   Heating AC & Refrigeration Level II
   Hospitality
   Information Processing Assistant
   Internet Programming
   Introductory Entrepreneurship
   Lead Baker
   Linear Electronics
   Management - Supervisory and Administrative Mgmt
   Marketing
   Meeting and Convention Planning
   MIG Welding
   Montessori Early Childhood
   Montessori Infant/Toddler
   MOS Access Preparation
   MOS Excel Preparation
   MOS Powerpoint Preparation
   MOS Word Preparation
   Network Administration
   Nurse-Legal Consultant
   Office Assistant
   Paralegal
   Personal Trainer
   Phlebotomy
   Practicing Professional-ProE
   Prep Cook
   Psychiatric Rehabilitation
   Public Safety Communications
   Real Estate
   Retail Management
   Thermoplastics Injection Molding
   Tool & Die Making
   Transmission & Drivetrain Specialist
   Truck Driving
   Truck Driving Owner/Operator
   Visual Basic Programming
   Web Design
   Web Technician
   Welding

In most cases, courses required for a Basic Vocational Specialist Certificate may be applied to the Vocational Specialist Certificate and/or the Associate of Applied Science Degree in the same field if the student wishes to continue study. See an ECC counselor for details.

2. COMMUNICATIONS REQUIREMENT

Unless a particular course is specified, students must choose communications courses from the list below if they are required in the curriculum. See the Curriculum and Course Description sections of this catalog for details about courses.

ENG 101 English Composition I ........................................ 3
ENG 102 English Composition II ...................................... 3
BUS 101 Business Communications ................................. 3
BUS 142 Report Writing .................................................. 3

3. COLLEGE REQUIREMENTS

1. A minimum cumulative grade point average of 2.0 for all courses that are applied to the certificate.

2. Meet the college’s Academic Residency requirement which means one-fourth of the curriculum requirements but no less than eight semester hours of credit must have been achieved at ECC, excluding CLEP and proficiency credits. If the certificate requires less than eight semester hours, all courses must be completed at ECC.