6. COMPUTER SKILLS

Students must demonstrate proficiency in appropriate computer software packages and skill sets. To demonstrate proficiency, students must select one of the following options:

- Complete the Computer Skills Proficiency Exam with a passing score.
- Complete CSC:110 Introduction to Computers with a passing grade. If this option is selected, the credits earned can be used as elective credits.

7. CONCENTRATION COURSES AND ELECTIVES

- A maximum of 4 semester hours of Human Development courses may be counted toward an A.S. degree.
- A maximum of 16 semester hours in career technical courses may be used as elective credits toward an A.S. degree.
- Coursework for an A.S. degree must be numbered at the 100 level or higher (for example, ENG:105).

**Catalog Number** | **Course Title** | **Crs.** | **Notes** | **Sem. Taken** | **Grade** | **Hrs. Earned** | **Total**
--- | --- | --- | --- | --- | --- | --- | ---

**Semester Hours Needed to Graduate**

62

**Developmental Courses**

**Catalog Number** | **Course Title** | **Crs.** | **Notes** | **Sem. Taken** | **Grade** | **Hrs. Earned** | **Total**
--- | --- | --- | --- | --- | --- | --- | ---

Note: Consult the EICCD online college catalog or your academic advisor for course prerequisites.

ASSOCIATE IN SCIENCE DEGREE: GRADUATION REQUIREMENTS WORKSHEET

Updated October 2014 – Effective Fall 2014

Eastern Iowa Community Colleges
Clinton Community College
Muscatine Community College
Scott Community College

Student Name: ___________________________ S.S. or I.D. Number: ___________________________ Concentration: ___________________________

This worksheet is to be used by students and academic advisors to plan and monitor progress toward an Associate in Science degree at this college.

An associate's degree requires a total of at least 62 hours. Select 45 hours from the General Education requirements listed on this worksheet. The remaining hours may be selected from arts & sciences courses that are numbered 100 or higher, including those listed on this document.

- A maximum of 16 semester hours of elective credit toward an A.S. degree may be in career technical courses.

**General Education Requirements Summary**

<table>
<thead>
<tr>
<th>Area</th>
<th>Required</th>
<th>Has Needs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Communications</td>
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</tr>
<tr>
<td>2 Arts &amp; Humanities</td>
<td>6</td>
<td>___</td>
</tr>
<tr>
<td>3 Cultural/Historical Perspective</td>
<td>3</td>
<td>___</td>
</tr>
<tr>
<td>4 Social Sciences</td>
<td>3</td>
<td>___</td>
</tr>
<tr>
<td>5 Natural Sciences &amp; Mathematics</td>
<td>24</td>
<td>___</td>
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<tr>
<td>6 Computer Skills</td>
<td>Demonstrate Proficiency</td>
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<tr>
<td>7 Electives</td>
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<td>Total</td>
<td>62</td>
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</tr>
</tbody>
</table>

1. Counts as Social Science at Iowa Regents Universities.

The graduation requirements for the Associate in Science degree consist of two parts: (1) General Education and (2) Concentration courses or electives.

General Education courses are those that broaden student knowledge, information and skills and consist of the following specific disciplines:

1. Communication - ability to communicate thoughts effectively through speaking and writing, and to read and to listen critically.
2. Arts and Humanities - appreciation of the Humanities and the Arts.
3. Cultural/Historical Perspectives - understanding of both Western and International geography and culture.
4. Social Sciences - understanding of economics or political systems and an understanding of how societies, groups and individuals function.
5. Natural Sciences - understanding of a branch of the Life Sciences and a branch of the Physical Sciences.
6. Computer Skills - understanding of computer terminology, operation and applications.

Please note that transfer of an Associate in Science degree to a four-year college is often a course-by-course articulation. EICCD strongly recommends you contact your intended transfer institution for specific transfer information and course recommendations. Students may choose electives according to their needs, interests, and the requirements of their intended transfer institution.

A concentration area allows a student to develop more depth of knowledge in one or more areas of study. Course recommendations within each concentration area are available through the EICCD online college catalog or from academic advisors.
### 1. COMMUNICATIONS

Select one course in English:

- **ENG:105** Introduction to Film
- **ENG:107** Composition II: Technical Writing

Select one course in English:

- **ENG:106** Composition II
- **ENG:108** Composition II: Technical Writing

Select one course in Speech:

- **SPC:112** Public Speaking
- **SPC:170** Professional Communication

### 2. ARTS AND HUMANITIES - Select one course from two of the following three areas:

#### Literature:

- **LIT:101** Introduction to Literature
- **LIT:111** American Literature Since the Mid-1800’s
- **LIT:183** Masterpieces: Neoclassical to Modern
- **LIT:185** Contemporary Literature

#### Humanities:

- **DRA:110** Introduction to Film
- **HUM:110** Changes and Choices
- **HUM:183** Living with Space, Time & Tech.
- **PHI:101** Introduction to Philosophy
- **PHI:105** Introduction to Ethics
- **PHI:110** Introduction to Logic
- **REL:101** Survey of World Religions

#### Fine Arts:

- **ART:101** Art Appreciation
- **DRA:110** Introduction to Theatre
- **DRA:1107** Introduction to Film
- **HUM:135** Humanities of the Early World
- **HUM:136** Humanities of the Renaissance
- **HUM:137** Humanities of the Modern World
- **MUS:100** Music Appreciation

### 3. CULTURAL/HISTORICAL PERSPECTIVES - Select one course:

- **ANT:105** Cultural Anthropology
- **CLS:150** Latin American History and Culture
- **ASL:151** American Sign Language I
- **FL:121** Foreign Language - 1 Semester
- **GEO:121** World Regional Geography
- **GLS:100** Contemporary World Issues
- **HIS:117** West Civ. I: Ancient and Medieval
- **HIS:118** West Civ. II: Early Modern
- **HIS:119** West Civ. III: Modern Period
- **HIS:151** U.S. History to 1877
- **HIS:152** U.S. History Since 1877
- **HIS:211** Modern Asian History
- **HIS:231** Contemporary World Affairs
- **POL:121** International Relations

*DRA:110 Introduction to Film can fulfill either the Humanities or the Fine Arts requirement, but not both.*

### 4. SOCIAL SCIENCES - Select one course:

- **ECN:120** Principles of Macroeconomics
- **ECN:130** Principles of Microeconomics
- **POL:111** American National Government
- **PSY:111** Introduction to Psychology
- **SOC:110** Introduction to Sociology

### 5. MATHEMATICS AND NATURAL SCIENCES

Select at least two Natural Sciences courses:

- **BIC:105** Introductory Biology
- **BIC:114** General Biology IA
- **BIC:115** General Biology IIA
- **BIC:125** Plant Biology
- **BIC:157** Human Biology
- **BIC:163** Hist of Anatomy and Phys.
- **BIC:168** Human Anatomy and Phys. w/ Lab I
- **BIC:173** Human Anatomy and Phys. w/ Lab II
- **BIO:186** Microbiology
- **BIO:255** Neuroanatomy
- **CHM:122** Intro. to General Chemistry
- **CHM:132** Intro. to Organic and Biochemistry
- **CHM:165/166** General Chemistry I w/ Lab
- **CHM:175** General Chemistry II w/ Lab
- **CHM:179** Principles of General Chemistry
- **CHM:261** Organic Chemistry I
- **CHM:271** Organic Chemistry II
- **ENV:111** Environmental Science
- **ENV:139** Energy and the Environment
- **ENV:145** Conservation Biology
- **PHS:120** Exploring Physical Science
- **PHS:152** Astronomy
- **PHS:166** Meteorology: Weather & Climate
- **PHS:172** Physical Geology
- **PHY:110** Survey of Physics
- **PHY:111** Survey of Physics II
- **PHY:162** College Physics I
- **PHY:172** College Physics II
- **PHY:212** Classical Physics I
- **PHY:222** Classical Physics II

Select at least one Mathematics course:

- **MAT:128** Precalculus
- **MAT:140** Finite Mathematics
- **MAT:156** Statistics
- **MAT:165** Business Calculus
- **MAT:210** Calculus I
- **MAT:216** Calculus II
- **MAT:219** Calculus III
- **MAT:227** Differential Equations

### Catalog Requirements

<table>
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### COMMUNICATIONS

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<td>ENG:107 Composition II, Technical Writing</td>
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</table>

### ARTS AND HUMANITIES

- Select one course from two of the following three areas:

#### Literature:
- LIT:101 Introduction to Literature              | 3   |       |            |       |             |       |
- LIT:111 American Literature Since the Mid-1800's | 3   |       |            |       |             |       |
- LIT:183 Masterpieces: Neoclassical to Modern    | 3   |       |            |       |             |       |
- LIT:185 Contemporary Literature                | 3   |       |            |       |             |       |

#### Humanities:
- HUM:110 Changes and Choices                     | 3   |       |            |       |             |       |
- HUM:183 Living with Space, Time & Tech.         | 3   |       |            |       |             |       |
- PHI:101 Introduction to Philosophy              | 3   |       |            |       |             |       |
- PHI:105 Introduction to Ethics                  | 3   |       |            |       |             |       |
- PHI:110 Introduction to Logic                   | 3   |       |            |       |             |       |
- REL:101 Survey of World Religions               | 3   |       |            |       |             |       |

#### Fine Arts:
- ART:101 Art Appreciation                        | 3   |       |            |       |             |       |
- DRA:101 Introduction to Theatre                 | 3   |       |            |       |             |       |
- DRA:110 Introduction to Film                    | 3   |       |            |       |             |       |

### CULTURAL/HISTORICAL PERSPECTIVES

- Select one course:

#### ANTHROPOLOGY:
- ANT:105 Cultural Anthropology                   | 3   |       |            |       |             |       |

#### LANGUAGE:
- ASL:151 American Sign Language I                | 5   |       |            |       |             |       |
- FL:150 Foreign Language - 1 Semester            | 3-4 |       |            |       |             |       |

#### GEOGRAPHY:
- GEO:121 World Regional Geography                | 3   |       |            |       |             |       |

#### HISTORY:
- HIS:117 West Civ. I: Ancient and Medieval       | 3   |       |            |       |             |       |
- HIS:118 West Civ. II: Early Modern              | 3   |       |            |       |             |       |
- HIS:119 West Civ. III: Modern Period            | 3   |       |            |       |             |       |
- HIS:151 U.S. History to 1877                    | 3   |       |            |       |             |       |
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<th>Total</th>
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</thead>
</table>

Enough electives to total 62 credits.

Semester Hours Needed to Graduate: 62

<table>
<thead>
<tr>
<th>Developmental Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog Number</td>
</tr>
<tr>
<td>---------------------</td>
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</tbody>
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