DESIGNATION OF GENERAL EDUCATION COURSES

WHEREAS, the Vice President and Dean of Faculty recommends, and the President concurs, that the attached list of Ulster County Community College courses meets the skills and competencies areas as described in the State University of New York Board of Trustees Resolution on General Education, Resolution #98-241, now, therefore, be it

RESOLVED, the Board of Trustees hereby approves the attached list of courses as those satisfying particular General Education learning outcomes and competencies as determined by the SUNY Board of Trustees Resolution #98-241.
Appendix: Task Force Report Learning Outcomes

The State University of New York's General Education Requirement applies to all state-operated institutions offering undergraduate degrees. It requires baccalaureate degree candidates, as a condition of graduation, to complete a General Education Program of no fewer than 30 credit hours specifically designed to achieve the student learning outcomes in ten knowledge and skill areas and two competencies, as specified below:

I. LEARNING OUTCOMES

KNOWLEDGE AND SKILL AREAS

1. MATHEMATICS

Students will show competence in the following quantitative reasoning skills:
- arithmetic;
- algebra;
- geometry;
- data analysis; and
- quantitative reasoning;

2. NATURAL SCIENCES

Students will demonstrate:
- understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis; and
- application of scientific data, concepts, and models in one of the natural sciences.

3. SOCIAL SCIENCES

Students will demonstrate:
- understanding of the methods social scientists use to explore social phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical and interpretive analysis; and
- knowledge of major concepts, models and issues of at least one discipline in the social sciences.

4. AMERICAN HISTORY

Students will demonstrate:
- knowledge of a basic narrative of American history; political, economic, social, and cultural, including knowledge of unity and diversity in American society;
- knowledge of common institutions in American society and how they have affected different groups, and
- understanding of America's evolving relationship with the rest of the world.

5. WESTERN CIVILIZATION

Students will:
- demonstrate knowledge of the development of the distinctive features of the history, institutions, economy, society, culture, etc., of Western civilization; and
- relate the development of Western civilization to that of other regions of the world.
6. OTHER WORLD CIVILIZATIONS

Students will demonstrate:
- knowledge of either a broad outline of world history, or
- the distinctive features of the history, institutions, economy, society, culture, etc., of one non-Western civilization.

7. HUMANITIES

Students will demonstrate:
- knowledge of the conventions and methods of at least one of the humanities in addition to those encompassed by other knowledge areas required by the General Education program.

8. THE ARTS

Students will demonstrate:
- understanding of at least one principal form of artistic expression and the creative process inherent therein.

9. FOREIGN LANGUAGE

Students will demonstrate:
- basic proficiency in the understanding and use of a foreign language; and
- knowledge of the distinctive features of culture(s) associated with the language they are studying.

10. BASIC COMMUNICATION

Students will:
- produce coherent texts within common college-level written forms;
- demonstrate the ability to revise and improve such texts;
- research a topic, develop an argument, and organize supporting details;
- develop proficiency in oral discourse; and
- evaluate an oral presentation according to established criteria.

COMPETENCIES

The following two competencies should be infused throughout the General Education program:

1. CRITICAL THINKING (REASONING)

Students will:
- identify, analyze, and evaluate arguments as they occur in their own or others' work; and
- develop well-reasoned arguments.

2. INFORMATION MANAGEMENT

Students will:
- perform the basic operations of personal computer use;
- understand and use basic research techniques; and
- locate, evaluate and synthesize information from a variety of sources.
MATHEMATICS

Students will show competence in the following quantitative reasoning skills:

- arithmetic
- algebra
- geometry
- data analysis and
- quantitative reasoning

Courses which provide all outcomes:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT 100</td>
<td>Intermediate Algebra</td>
</tr>
<tr>
<td>MAT 105</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MAT 107</td>
<td>Calculus I</td>
</tr>
<tr>
<td>MAT 108</td>
<td>Calculus II</td>
</tr>
<tr>
<td>MAT 115</td>
<td>College Algebra &amp; Trigonometry</td>
</tr>
<tr>
<td>MAT 140</td>
<td>Foundations of Elementary School Mathematics</td>
</tr>
<tr>
<td>MAT 151</td>
<td>Practical Applied Mathematics</td>
</tr>
<tr>
<td>MAT 160</td>
<td>Precalculus</td>
</tr>
<tr>
<td>MAT 203</td>
<td>Calculus III</td>
</tr>
</tbody>
</table>
NATURAL SCIENCES

Students will demonstrate:

• understanding of the methods scientists use to explore natural phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical analysis; and

• application of scientific data, concepts, and models in one of the natural sciences.

Courses which provide all outcomes:

COURSE

CHE 101 Introductory Chemistry I
CHE 102 Introductory Chemistry II
CHE 103 General Chemistry I
CHE 104 General Chemistry II
CHE 190 Fundamentals of Organic Chemistry
CHE 201 Organic Chemistry I
CHE 202 Organic Chemistry II
CHE 210 Independent Study in Chemistry
BIO 206 Genetics
BIO 207 General Ecology
BIO 212 Limnology
BIO 216 Environmental Microbiology
ESC 101 Sky, Air and Space (plus Lab ESC111)
ESC 102 Planet Earth (plus Lab ESC 112)
ESC 104 General Geology
ESC 105 Earth History
ESC 107 Astronomy & Observational Astronomy (ESC 110)
ESC 109 Weather and Climate
ESC 130 Geology of New York State
ESC 140 Earth’s Environment
ESC 205 Geomorphology
PHY 101 Physics I
PHY 102 Physics II
PHY 109 General Physics I
PHY 110 General Physics II
PHY 208 General Physics IV
PHY 210 Independent Study in Physics
SOCIAL SCIENCES

Students will demonstrate:
• understanding of the methods social scientists use to explore social phenomena, including observation, hypothesis development, measurement and data collection, experimentation, evaluation of evidence, and employment of mathematical and interpretive analysis, and
• knowledge of major concepts, models and issues of at least one discipline in the social sciences.

Courses which provide all outcomes:

**COURSE**

SOC 101  Principles of Sociology  
PSY 101  General Psychology  
PSY 205  Industrial and Organizational Psychology  
ANT 102  Introduction to Cultural Anthropology  
SOC 206  Social Problems  
SOC 207  Sociology of the Family  
PSY 203  Abnormal Psychology
AMERICAN HISTORY

Students will demonstrate:

- knowledge of a basic narrative of American history: political, economic, social, and cultural, including knowledge of unity and diversity in American society;
- knowledge of common institutions in American society and how they have affected different groups; and
- understanding of America’s evolving relationship with the rest of the world.

Courses which provide all outcomes:

**COURSE**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 103</td>
<td>American History I</td>
</tr>
<tr>
<td>HIS 104</td>
<td>American History II</td>
</tr>
<tr>
<td>HIS 207</td>
<td>The United States in the 20th Century</td>
</tr>
</tbody>
</table>
WESTERN CIVILIZATION

Students will:
• demonstrate knowledge of the development of the distinctive features of the history, institutions, economy, society, culture, etc., of Western civilization; and
• relate the development of Western civilization to that of other regions of the world.

Courses which provide all outcomes:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 101</td>
<td>History of Civilization I</td>
</tr>
<tr>
<td>HIS 102</td>
<td>History of Civilization II</td>
</tr>
<tr>
<td>HIS 171</td>
<td>Honors History I</td>
</tr>
<tr>
<td>HIS 172</td>
<td>Honors History II</td>
</tr>
<tr>
<td>HIS 271</td>
<td>Honors History III</td>
</tr>
</tbody>
</table>
OTHER WORLD CIVILIZATIONS

Students will demonstrate:
- knowledge of either a broad outline of world history, or
- the distinctive features of the history, institutions, economy, society, culture, etc., of one non-Western civilization.

Courses which provide all outcomes:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIS 201</td>
<td>History of Latin America</td>
</tr>
<tr>
<td>SOS 221</td>
<td>Latin America 2000</td>
</tr>
</tbody>
</table>
HUMANITIES

Students will demonstrate:
• knowledge of the conventions and methods of at least one of the humanities in addition to those encompassed by other knowledge areas required by the General Education program.

COURSE

Select any Humanities Course not covered by other knowledge areas required by the General Education Program

Courses designated as Humanities are all courses in:
Art
Communications
English
Music
Philosophy
Theater
Foreign Languages
THE ARTS

Students will demonstrate:
- understanding of at least one principal form of artistic expression and the creative process inherent therein.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Art:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 103</td>
<td>Drawing and Composition I</td>
</tr>
<tr>
<td>ART 104</td>
<td>Drawing and Composition II</td>
</tr>
<tr>
<td>ART 105</td>
<td>Painting I</td>
</tr>
<tr>
<td>ART 106</td>
<td>Painting II</td>
</tr>
<tr>
<td>ART 107</td>
<td>Art History I</td>
</tr>
<tr>
<td>ART 108</td>
<td>Art History II</td>
</tr>
<tr>
<td>ART 109</td>
<td>19th Century Art History</td>
</tr>
<tr>
<td>ART 110</td>
<td>20th Century Art History</td>
</tr>
<tr>
<td>ART 116</td>
<td>Introduction to Arts and Crafts</td>
</tr>
<tr>
<td>ART 117</td>
<td>Introduction to Drawing I</td>
</tr>
<tr>
<td>ART 118</td>
<td>Drawing II</td>
</tr>
<tr>
<td>ART 120</td>
<td>Advertising Design I</td>
</tr>
<tr>
<td>ART 124</td>
<td>Introduction to Computer Art</td>
</tr>
<tr>
<td>ART 125</td>
<td>Computer Art II</td>
</tr>
<tr>
<td>ART 126</td>
<td>Introduction to Desktop Publishing</td>
</tr>
<tr>
<td>ART 127</td>
<td>Desktop Publishing II</td>
</tr>
<tr>
<td>ART 130</td>
<td>Photography I</td>
</tr>
<tr>
<td>ART 131</td>
<td>Photography II</td>
</tr>
<tr>
<td>ART 132</td>
<td>Introduction to Color Photography</td>
</tr>
<tr>
<td>ART 150</td>
<td>Two-Dimensional Design</td>
</tr>
<tr>
<td>ART 161</td>
<td>Graphic Design I</td>
</tr>
<tr>
<td>ART 162</td>
<td>Graphic Design II</td>
</tr>
<tr>
<td>ART 165</td>
<td>Introduction to Digital Imaging</td>
</tr>
<tr>
<td>ART 166</td>
<td>Digital Imaging II</td>
</tr>
<tr>
<td>ART 167</td>
<td>Introduction to Computer Illustration</td>
</tr>
<tr>
<td>ART 168</td>
<td>Computer Illustration II</td>
</tr>
<tr>
<td>ART 171</td>
<td>Photography for Design Majors I</td>
</tr>
<tr>
<td>ART 172</td>
<td>Photography for Design Majors II</td>
</tr>
<tr>
<td>ART 180</td>
<td>Introduction to Web Page Design</td>
</tr>
<tr>
<td>ART 181</td>
<td>Web Page Design II</td>
</tr>
<tr>
<td>ART 206</td>
<td>Three-Dimensional Design</td>
</tr>
<tr>
<td>ART 207</td>
<td>Intermediate Painting I</td>
</tr>
<tr>
<td>ART 208</td>
<td>Intermediate Painting II</td>
</tr>
<tr>
<td>ART 209</td>
<td>Life Drawing and Anatomy I</td>
</tr>
<tr>
<td>ART 210</td>
<td>Life Drawing and Anatomy II</td>
</tr>
<tr>
<td>ART 230</td>
<td>Photo Lab Module I</td>
</tr>
<tr>
<td>ART 231</td>
<td>Photo Lab Module II</td>
</tr>
<tr>
<td>ART 232</td>
<td>Photo Lab Module III</td>
</tr>
</tbody>
</table>
COURSE

Art:
ART 250 Art History Seminar
ART 263 Graphic Design III
ART 264 Graphic Design IV

Communications:
COM 203 Oral Interpretation of Literature
COM 209 Art of the Film

English:
ENG 201 English Literature I
ENG 202 English Literature II
ENG 203 American Literature I
ENG 204 American Literature II
ENG 206 Literature: Major themes
ENG 207 Contemporary Literature
ENG 210 Western World Literature I
ENG 211 Western World Literature II
ENG 212 The Short Story
ENG 215 Shakespeare
ENG 220 Introduction to Drama
ENG 223 Introduction to Poetry
ENG 225 Creative Writing
ENG 240 The Modern Novel
ENG 245 Literature of American Ethnic Minorities
ENG 271 Honors English III
ENG 272 Honors English IV

Music:
MUS 101 Music Theory I
MUS 102 Music Theory II
MUS 103 Music Theory III
MUS 104 Music Theory IV
MUS 105 Music Appreciation
MUS 107 College Chorus
MUS 108 Music in Historical Perspective
MUS 109 Contemporary Music
MUS 111 Vocal Ensemble
MUS 113 Music in America
MUS 116 Small Instrumental Music Groups
MUS 117 Multiple Small Instrumental Music Groups
MUS 118 College/Community Concert Band
COURSE       Music:

MUS 126      Applied Music
MUS 127      Applied Music
MUS 128      Applied Music
MUS 129      Applied Music
MUS 136      Introduction to Guitar
MUS 141      Class Piano I
MUS 142      Class Piano II
MUS 145      Class Voice I
MUS 146      Class Voice II
MUS 153      The Computer & Midi Keyboard I
MUS 154      The Computer & Midi Keyboard II
MUS 170      Topics in Music
MUS 176      History of Rock Music I
MUS 177      History of Rock Music II

COURSE       Theater:

THE 108      Theater Arts Production
THE 109      Production Participation
THE 110      Introduction to Acting
THE 112      Summer Music Theater
THE 120      Touring Theater Ensemble
THE 130      Actors Workshop
FOREIGN LANGUAGE

Students will demonstrate:
• basic proficiency in the understanding and use of a foreign language; and
• knowledge of the distinctive features of culture(s) associated with the language they are studying.

Courses which provide all outcomes:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRE 102</td>
<td>Elementary French II</td>
</tr>
<tr>
<td>FRE 111</td>
<td>Basic Conversational French II</td>
</tr>
<tr>
<td>FRE 115</td>
<td>Accelerated Elementary French I &amp; II</td>
</tr>
<tr>
<td>FRE 201</td>
<td>Intermediate French I</td>
</tr>
<tr>
<td>FRE 202</td>
<td>Intermediate French II</td>
</tr>
<tr>
<td>FRE 207</td>
<td>Advanced French</td>
</tr>
<tr>
<td>FRE 208</td>
<td>Advanced French</td>
</tr>
<tr>
<td>FRE 215</td>
<td>Accelerated Intermediate French I &amp; II</td>
</tr>
<tr>
<td>SPA 102</td>
<td>Elementary Spanish II</td>
</tr>
<tr>
<td>SPA 111</td>
<td>Basic Conversational Spanish II</td>
</tr>
<tr>
<td>SPA 112</td>
<td>Review Spanish</td>
</tr>
<tr>
<td>SPA 115</td>
<td>Accelerated Elementary Spanish I &amp; II</td>
</tr>
<tr>
<td>SPA 201</td>
<td>Intermediate Spanish I</td>
</tr>
<tr>
<td>SPA 202</td>
<td>Intermediate Spanish II</td>
</tr>
<tr>
<td>SPA 207</td>
<td>Advanced</td>
</tr>
<tr>
<td>SPA 208</td>
<td>Advanced Spanish Grammar &amp; Composition</td>
</tr>
<tr>
<td>GER 102</td>
<td>Elementary German II</td>
</tr>
<tr>
<td>GER 111</td>
<td>Basic Conversational German II</td>
</tr>
<tr>
<td>GER 201</td>
<td>Intermediate German I</td>
</tr>
<tr>
<td>GER 202</td>
<td>Intermediate German II</td>
</tr>
<tr>
<td>GER 115</td>
<td>Accelerated Elementary German I &amp; II</td>
</tr>
</tbody>
</table>
BASIC COMMUNICATION

Students will:
• produce coherent texts within common college-level written forms;
• demonstrate the ability to revise and improve such texts;
• research a topic, develop an argument, and organize supporting details;
• develop proficiency in oral discourse; and
• evaluate an oral presentation according to established criteria.

Courses which provide all outcomes:

COURSE

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>COM 103</td>
<td>Oral Communication</td>
</tr>
<tr>
<td>COM 105</td>
<td>Presentational Speaking</td>
</tr>
<tr>
<td>ENG 227</td>
<td>Writing for Industry, Science and the Professions</td>
</tr>
</tbody>
</table>
INCLUSION

As evidenced by our broad array of A.A. and A.S. degree programs, Ulster County Community College has a strong commitment to the liberal arts and a well-rounded general education curriculum. This commitment implies that our candidates for the A.A. and A.S. degrees demonstrate the ability to gather and manage information, and to reason logically with respect to this and all information.

To this end all liberal arts offered at Ulster County Community College inculcate information management competencies and require students to demonstrate reasoning proficiency.

Furthermore, A.A. and A.S. degree candidates at Ulster complete a Library Literacy – LIB 111 course in which students perform the basic operations of personal computer use, learn to understand and use basic research techniques; and locate, evaluate and synthesize information from a variety of sources.

In addition, the College English I - ENG 101, Oral Communication - COM 103 and Presentational Speaking - COM 105 requirements in the A.A. and A.S. degree programs clearly provide students the opportunity to develop well-reasoned arguments, as well as identify, analyze and evaluate arguments as they occur in their own or others’ work.

It should therefore be concluded that Critical Thinking (Reasoning) and Information Management are infused throughout the curriculum and across the disciplines at Ulster County Community College.