

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:

### COURSE

MAT 100	Intermediate Algebra
MAT 105	College Algebra
MAT 107	Calculus I
MAT 108	Calculus II
MAT 115	College Algebra & Trigonometry
MAT 140	Foundations of Elementary School Mathematics
MAT 151	Practical Applied Mathematics
MAT 160	Precalculus
MAT 203	Calculus III

## 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

HIS 103	American History I
HIS 104	American History II
HIS 207	The United States in the 20 <sup>th</sup> Century

## 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:

### COURSE

HIS 101	History of Civilization I
HIS 102	History of Civilization II
HIS 171	Honors History I
HIS 172	Honors History II
HIS 271	Honors History III



## 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:

### COURSE

HIS 201	History of Latin America
SOS 221	Latin America 2000

## 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.

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

**COURSE Art:**

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

**COURSE Communications:**

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

**COURSE 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

**COURSE 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:

### COURSE

FRE 102	Elementary French II
FRE 111	Basic Conversational French II
FRE 115	Accelerated Elementary French I & II
FRE 201	Intermediate French I
FRE 202	Intermediate French II
FRE 207	Advanced French
FRE 208	Advanced French
FRE 215	Accelerated Intermediate French I & II
SPA 102	Elementary Spanish II
SPA 111	Basic Conversational Spanish II
SPA 112	Review Spanish
SPA 115	Accelerated Elementary Spanish I & II
SPA 201	Intermediate Spanish I
SPA 202	Intermediate Spanish II
SPA 207	Advanced
SPA 208	Advanced Spanish Grammar & Composition
GER 102	Elementary German II
GER 111	Basic Conversational German II
GER 201	Intermediate German I
GER 202	Intermediate German II
GER 115	Accelerated Elementary German I & II

## 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

COM 103	Oral Communication
COM 105	Presentational Speaking
ENG 227	Writing for Industry, Science and the Professions

## 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.