

GENERAL EDUCATION - COLLEGE ACADEMIC LEARNING GOALS

The College is dedicated to a comprehensive effort that encourages in individual students the attitude of inquiry, the skills of problem solving, and concern for the values of a democratic society. This philosophy of general education seeks to give each student the knowledge, skills, and values needed for lifetime learning and for becoming a self-fulfilled individual.

Delaware County Community College has instituted nine College Academic Learning Goals as the core of our general education program. Since the focus is on skills, knowledge and abilities rather than courses, there is no mandatory set of courses that every graduate will take to complete the general education portion of a degree program. Each degree program, career and transfer, has been designed by the College's faculty to meet these goals. The goals are met either by general education courses or by required program courses that have been designed to meet one or more of the learning goals. Each degree program guides its graduates to achieve the College Academic Learning Goals in the way that is most reasonable and helpful to students in that field of study. Some certificates also include CALG-designated courses. The courses that meet the College Academic Learning Goals are part of, not in addition to, the program.

The nine College Academic Learning Goals are:

Critical Reasoning: Graduates will demonstrate critical reasoning. Course List (p. 1)

Diversity and Social Justice: Graduates will demonstrate an understanding of inequality, oppression, power, privilege and the struggle for social justice faced by historically marginalized people. Course List (p. 1)

Global Understanding: Graduates will demonstrate the ability to recognize and analyze global topics and issues. Course List (p. 2)

Information Literacy: Graduates will demonstrate the ability to find, evaluate, and communicate information found in the course of their research. Course List (p. 3)

Information Technology: Graduates will demonstrate the ability to use information technology. Course List (p. 4)

Oral Communication: Graduates will demonstrate the ability to communicate orally by delivering and receiving messages competently. Course List (p. 3)

Quantitative Reasoning: Graduates will demonstrate the ability to apply mathematical concepts and quantitative reasoning to solve problems. Course List (p. 3)

Scientific Inquiry: Graduates will demonstrate a conceptual and a quantitative understanding of natural science disciplines and develop scientific inquiry skills. Course List (p. 3)

Written Communication: Graduates will demonstrate the ability to compose coherent, evidence-based academic writing. Course List (p. 4)

Critical Reasoning Critical Reasoning (CR)

Graduates will demonstrate critical reasoning.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Computing</i>		
CS 102	Introduction to Python *	3
CS 101	Introduction to Computer Science *	3
<i>Humanities</i>		
ENG 100	English Composition I *	3
ENG 112	English Composition II: Writing About Literature *	3
HUM 160	Introduction to World Religions *	3
PHI 100	Introduction to Philosophy *	3
<i>Social Science</i>		
ECE 121	Early Childhood Education Laboratory II *	4
HIS 110	American History I *	3
HIS 120	American History II *	3
HIS 150	World Civilizations I *	3
HIS 160	World Civilizations II *	3
HIS 200	Civil War and Reconstruction *	3
HIS 224	History of the First World War *	3
HIS 225	History of the Second World War *	3
HIS 235	20th Century World History *	3
PSY 130	Personal and Career Development	3
PSY 140	General Psychology	3
PSY 200	Personality Theories	3
PSY 205	Human Sexuality *	3
PSY 210	Lifespan Human Development *	3
PSY 220	Abnormal Psychology *	3
PSY 235	Educational Psychology *	3
PSY 241	Child Development *	3
PSY 242	Adolescent Psychology *	3
SWO/PSY 203	Counseling Skills *	3

* Multiple College Academic Learning Goals Designations

Diversity and Social Justice Diversity and Social Justice (DJ)

Graduates will demonstrate an understanding of inequality, oppression, power, privilege and the struggle for social justice faced by historically marginalized people.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Humanities</i>		
ENG 230	American Literature I	3
ENG 231	American Literature II	3
ENG 240	World Literature I *	3

ENG 241	World Literature II *	3
HUM 120	Renaissance Humanism to Twenty-First Century Globalism *	3
HUM 121	Myth *	3
HUM 160	Introduction to World Religions *	3
<i>Social Science</i>		
HIS 110	American History I *	3
HIS 120	American History II *	3
HIS 150	World Civilizations I *	3
HIS 160	World Civilizations II *	3
HIS 200	Civil War and Reconstruction *	3
HIS 235	20th Century World History *	3
POL 120	American National Government	3
PSY/SWO 203	Counseling Skills	3
PSY 205	Human Sexuality *	3
PSY 210	Lifespan Human Development *	3
PSY 220	Abnormal Psychology *	3
PSY 221/ SOC 220	Social Psychology	3
PSY 235	Educational Psychology *	3
PSY 241	Child Development *	3
PSY 242	Adolescent Psychology *	3
SOC 110	Introduction to Sociology *	3
SOC 120	Social Problems *	3
SOC 180	Marriage and The Family	3
SOC 210	Cultural Anthropology *	3
SOC 215/ PSY 225	Experiences in Diversity	3
SOC 219	The Sociology of Race And Immigration	3

* Multiple College Academic Learning Goals Designations

Diversity and Social Justice AND Global Understanding

Some programs may require a course selection with dual Diversity and Social Justice *and* Global Understanding designation.

Code	Title	Hours
Course List, as of Fall 2022:		
<i>Humanities</i>		
ENG 240	World Literature I	3
ENG 241	World Literature II	3
HUM 120	Renaissance Humanism to Twenty-First Century Globalism	3
HUM 121	Myth	3
HUM 160	Introduction to World Religions	3
<i>Social Science</i>		
HIS 110	American History I	3
HIS 120	American History II	3
HIS 150	World Civilizations I	3
HIS 160	World Civilizations II	3
HIS 235	20th Century World History	3
PSY 210	Lifespan Human Development	3
PSY 235	Educational Psychology	3
PSY 241	Child Development	3

PSY 242	Adolescent Psychology	3
SOC 110	Introduction to Sociology	3
SOC 120	Social Problems	3
SOC 210	Cultural Anthropology	3

Global Understanding

Global Understanding (GU)

Graduates will demonstrate the ability to recognize and analyze global topics and issues.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Business</i>		
ECO 210	Macroeconomic Principles	3
ECO 220	Microeconomic Principles	3
<i>Humanities</i>		
ART 115	History of Graphic Design	3
ART 116	History of Photography	3
ART 117	Art of the Ancient World	3
ART 118	Art from the Medieval and Early Modern World	3
ART 119	Art of the Modern World	3
ENG 240	World Literature I *	3
ENG 241	World Literature II *	3
HUM 120	Renaissance Humanism to Twenty-First Century Globalism *	3
HUM 121	Myth *	3
HUM 160	Introduction to World Religions *	3
PHI 100	Introduction to Philosophy *	3
SPA 101	Elementary Spanish I	3
SPA 102	Elementary Spanish II	3
<i>Science</i>		
BIO 102	Humans and the Environment *	4
<i>Social Science</i>		
ADJ 202	Terrorism	3
HIS 110	American History I *	3
HIS 120	American History II *	3
HIS 150	World Civilizations I *	3
HIS 160	World Civilizations II *	3
HIS 224	History of the First World War *	3
HIS 225	History of the Second World War *	3
HIS 235	20th Century World History *	3
PSY 210	Lifespan Human Development *	3
PSY 235	Educational Psychology *	3
PSY 241	Child Development *	3
PSY 242	Adolescent Psychology *	3
SOC 110	Introduction to Sociology *	3
SOC 120	Social Problems	3
SOC 210	Cultural Anthropology *	3

* Multiple College Academic Learning Goals Designations

Diversity and Social Justice AND Global Understanding

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HIS 110	American History I	3
HIS 120	American History II	3
HIS 150	World Civilizations I	3
HIS 160	World Civilizations II	3
HIS 235	20th Century World History	3
PSY 210	Lifespan Human Development	3
PSY 235	Educational Psychology	3
PSY 241	Child Development	3
PSY 242	Adolescent Psychology	3
SOC 110	Introduction to Sociology	3
SOC 120	Social Problems	3
SOC 210	Cultural Anthropology	3

Information Literacy

Information Literacy (IL)

Graduates will demonstrate the ability to find, evaluate, and communicate information found in the course of their research.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Humanities</i>		
ENG 100	English Composition I	3
ENG 112	English Composition II: Writing About Literature	3
<i>Social Science</i>		
EDU 206	Teaching with Technology *	3
SOC 260	Research Methodology	3

* Multiple College Academic Learning Goal Designations.

Oral Communication

Oral Communication (OC)

Graduates will demonstrate the ability to communicate orally by delivering and receiving messages competently.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Business</i>		
BUS 130	Business Communication	3
<i>Humanities</i>		

COMM 100	Interpersonal Communication	3
COMM 111	Public Speaking	3

Quantitative Reasoning

Quantitative Reasoning (QR)

Graduates will demonstrate the ability to apply mathematical concepts and quantitative reasoning to solve problems.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Business</i>		
BUS 220	Elementary Statistics	3
<i>Mathematics</i>		
MAT 120	Modern College Mathematics	3
MAT 121	Introduction to Probability and Statistics	3
MAT 125	Mathematics for Teachers of Children I	3
MAT 128	Algebra	4
MAT 135	Business Precalculus	3
MAT 151	College Algebra	4
MAT 152	Precalculus	4
MAT 160	Calculus I	4
MAT 210	Statistics	3
<i>Not intended for transfer</i>		
BUS 104	Mathematics for Business	3

Scientific Inquiry

Scientific Inquiry (SI)

Graduates will demonstrate a conceptual and a quantitative understanding of natural science disciplines and develop scientific inquiry skills.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Science</i>		
BIO 100	Biological Sciences	4
BIO 102	Humans and the Environment *	4
BIO 110	General Biology I	4
BIO 150	Human Anatomy and Physiology I	4
CHE 101	Introduction to General Chemistry	4
CHE 110	General Chemistry I	4
ESS 100	Earth Science	4
ESS 105	Astronomy	4
ESS 110	Physical Geology	4
PHY 110	College Physics I	4
PHY 131	University Physics I	4
<i>Not intended for general transfer but may be accepted in related curricula via articulation</i>		
<i>Allied Health</i>		
AHM 104	Body Structure and Function I (bundled w/ AHM 105,220)	3
<i>Science</i>		
PHY 107	Technical Physics	4

* Multiple College Academic Learning Goals Designations

Information Technology

Information Technology (TC)

Graduates will demonstrate the ability to use information technology.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Computing</i>		
CS 100	Introduction to Information Technology	3
CS 101	Introduction to Computer Science *	3
CS 102	Introduction to Python *	3
CS 110	Introduction to C++	3
NET 110	Network Communications	3
<i>Humanities</i>		
ART 211	Digital Imaging	3
ART 236	Digital Photography I	3
<i>Social Science</i>		
ECE 111	Methods and Materials for Teaching (bundled with ECE 112, 121, 130, 140, 201)	3
EDU 206	Teaching with Technology	3
<i>Discipline Courses</i> ¹		
EMTP 200	Summative Field Clinical	8
NUS 110	Concepts and Practice I	8
PLG 130	Technology in the Law	3

¹ Discipline courses may only be available to students in certain majors.

Written Communication

Written Communication (WC)

Graduates will demonstrate the ability to compose coherent, evidence-based academic writing.

Code	Title	Hours
Course List, as of Fall 2023:		
<i>Humanities</i>		
ENG 100	English Composition I *	3
ENG 112	English Composition II: Writing About Literature *	3
HUM 121	Myth *	3

* Multiple College Academic Learning Goals Designations