



Curriculum Requirements

A General Education Foundation for Associate in Arts, Associate in Science, Specialized Associate, and Certificate Programs in New Jersey's Community Colleges

General Education Goal(s) addressed									Course Categories (Goal Categories)	AA Credits	AS Credits		AAS, AFA AS Nursing credits	Certificate credits	
1								9	Communication (Written & Oral Com.)	9	6		6	3	
	2							9	Mathematics - Science - Technology Mathematics 3-8 cr. (Quant. Knlg. & Skills) Science 3-8 cr. (Sci. Knlg. & Rsg.) Technological (Competency or Information) Literacy 0-4 cr.	12	9		3	3	
		3													
			4												
				5				9	Social Science (Society and Human Behavior)	6	3	3			
					6			9	Humanities (Humanistic Perspective)	9	3				
						7		9	History (Historical Perspective)	6					
							8	9	Diversity Courses (Global & Cult. Awns.)	3					
									Unassigned general education credit		6		8		
									General education foundation total	45	30		20		6

Gen. Ed. Foundation Course Categories	NJCC Goal Categories*	Course Criteria: Below are brief descriptions of the course criteria for satisfying the requirements. For fuller descriptions, see the NJCC GE Course Criteria (August 15, 2007).
1 Communication	1 Written and Oral Communication	An array of courses which prepare students to speak, read, and write effectively. At least two of these must be composition courses for A.A. and A.S. degrees. At least one of these must be a composition course or specialized degree programs and certificates.
2 Mathematics	2 Quantitative Knowledge and Skills	Any college level mathematics course including statistics, algebra, or calculus course(s). These courses should build upon a demonstrated proficiency in basic algebra.
3 Science	3 Scientific Knowledge and Reasoning	Any course(s) in the biological or physical sciences - including non-majors surveys courses. At least one of these courses must have a laboratory component.
4 Technology	4 Technological (Competency or Information Literacy)	Any course that emphasizes common computer technology skills (e.g., computer science, information technology) that helps students to access, process, and present information. This component is not required for students who can demonstrate competency.
5 Social Science	5 Society and Human Behavior	Any introductory course(s) from among anthropology, economics geography, political science, psychology, or sociology
6 Humanities	6 Humanistic Perspective	Any broad-based course(s) in the appreciation of art, music, or theater; literature; foreign language; history; philosophy and/or religious studies.
7 History	7 Historical Perspective	Any broad-based course(s) or sequence of courses in World, Western, non-Western, or American History.
8 Diversity courses	8 Global and Cultural Awareness	Any course whose primary purpose is to expose students to a multicultural society or people, possibly within the context of non-introductory study of a foreign language. If this goal is integrated into one or more general education course(s), the three credits may be moved from this category to another general education category.
	9 Ethical Reasoning and Action	This ethical reasoning and action goal may be infused in any of the above categories. These courses should include the ethical implications of issues and situations.

General Education Courses

Unless otherwise noted, all courses are 3 credits.

COMMUNICATION

- ENG 109 Speech Fundamentals
- ENG 111 English Composition I
- ENG 112 English Composition II
- ENG 131 English Composition I (Honors)
- ENG 132 English Composition II (Honors)

MATHEMATICS – SCIENCE - TECHNOLOGY MATHEMATICS

- MAT 108 Basic Statistics
- MAT 110 College Algebra
- MAT 113 Applied Calculus (4Cr)
- MAT 117 Math Analysis for Bus. & Eco.
- MAT 118 Calculus w/Application to Bus. & Eco.
- MAT 120 Math for the Liberal Arts
- MAT 123 Pre-Calculus (4Cr)
- MAT 124 Statistics
- MAT 126 Advanced Statistics
- MAT 130 Probability & Statistics (4Cr)
- MAT 131 Analytic Geometry & Calculus I (4Cr)
- MAT 132 Analytic Geometry & Calculus II (4Cr)
- MAT 180 Statistics (Honors)
- MAT 228 Linear Algebra
- MAT 230 Calculus III (4Cr)
- MAT 232 Differential Equations

SCIENCE

In order to fulfill a science general education requirement, students must complete at least one science course that includes a laboratory component.

- BIO 100 Elements in Biology
- BIO 101 Anatomy & Physiology I (4Cr)
- BIO 102 Anatomy & Physiology II (4Cr)
- BIO 118 Biomedical Ethics
- BIO 121 General Biology I (4Cr)
- BIO 122 General Biology II (4Cr)
- BIO 123 Cell Biology (4Cr)
- BIO 127 Bio of Environmental Concerns (4Cr)
- BIO 132 Concepts in Biology (4Cr)
- BIO 133 Human Biology (4Cr)
- BIO 137 Concepts of Microbiology (4Cr)
- BIO 180 General Biology I (Honors) (4Cr)
- BIO 181 General Biology II (Honors) (4Cr)
- BIO 201 Genetics (4Cr)
- BIO 202 Ecology (4Cr)
- BIO 215 Microbiology (4Cr)
- BIO 260 Introduction to Marine Biology (4Cr)
- BIO 262 Introduction to Marine Sciences (4Cr)

BIO 270, 271 Immunology/Lab (3/1Cr)

BIO 274 Pathophysiology

CHM 100 Elements of Chemistry

CHM 105 Forensic Science (4Cr)

CHM 106, 107 Principles of Chemistry I Lecture/Lab (3/1Cr)

CHM 108, 109 Principles of Chemistry II Lecture/Lab (3/1Cr)

CHM 117, 118 Introductory Chemistry/Lab (3/1Cr)

CHM 120 Chemistry of World Concerns (4Cr)

CHM 125, 126 General Chemistry I Lecture/Lab (3/1Cr)

CHM 127, 128 General Chemistry II Lecture/Lab (3/1Cr)

CHM 212 Biochemistry (4Cr)

CHM 219 Quantitative Chemical Analysis (5Cr)

CHM 220 Instrumental Methods of Analysis (5Cr)

CHM 231, 232 Organic Chemistry I Lecture/Lab (3/1Cr)

CHM 233, 234 Organic Chemistry II Lecture/Lab (3/1Cr)

SCI 101 Natural Science

SCI 118 General Astronomy (4Cr)

PHY 103 Concepts of Physics (4Cr)

PHY 111 Technical Physics I (4Cr)

PHY 112 Technical Physics II (4Cr)

PHY 118 Meteorology (4Cr)

PHY 125, 126 General Physics I Lecture/Lab (3/1Cr)

PHY 127, 128 General Physics II Lecture/Lab (3/1Cr)

PHY 133, 134 Engineering Physics II Lecture/Lab (3/1Cr)

PHY 232, 233 Engineering Physics III Lecture/Lab (3/1Cr)

TECHNOLOGICAL COMPETENCY OR INFORMATION LITERACY

CMP 101 Computer Information Literacy (1Cr)

CMP 104 Internet Literacy

CMP 110 Introduction to Data Processing

CMP 113 Computer Concepts

CMP 127 Communications and Technology

CMP 203 Computer Software Applications

SOCIAL SCIENCE

ECO 113 Elements of Economics

ECO 211 Principles of Economics I: Macroeconomics

ECO 212 Principles of Economics II: Microeconomics

POL 111 American Government

POL 231 State and Local Government

POL 240 International Politics

POL 245 Comparative Government

PSY 113 General Psychology

PSY 180 General Psychology (Honors)

PSY 213 Child Psychology

PSY 214 Adolescent Psychology

PSY 215 Child Psychology (Honors)

PSY 219 Developmental Psychology: The Human Lifespan

SOC 108 Cultural Geography
 SOC 120 Principles of Sociology
 SOC 180 Principles of Sociology (Honors)
 SOC 215 Physical Anthropology
 SOC 216 Cultural Anthropology
 SOC 217 Archaeology
 SOC 224 Social Psychology

HUMANITIES

All courses in the History category listed below are also general education courses in humanities.

ENG 115 The Short Story
 ENG 116 The Novel
 ENG 119 Introduction to Poetry
 ENG 206 African & African-American Literature
 ENG 220 Contemporary Literature
 ENG 224 Women in Literature
 ENG 228 Literature of the Theatre
 ENG 233 History of Theatre I
 ENG 234 History of Theatre II
 ENG 243 World Literary Traditions: Beginnings to 1650
 ENG 244 World Literary Traditions: 1650 to Present
 ENG 246 English Classics
 ENG 247 Major British Writers: 19th & 20th Century
 ENG 249 American Literature: Colonial Era – Civil War
 ENG 250 American Literature: Civil War - 20th Century
 ENG 283 World Literary Traditions: Beginnings to 1650 (Honors)
 ENG 284 World Literary Traditions: 1650 to Present (Honors)

ART 114 Contemporary Art
 ART 116 American Art
 ART 133 Art History I
 ART 134 Art History II

ARA 111 Elementary Arabic I
 ARA 112 Elementary Arabic II
 ARA 211 Intermediate Arabic I
 CHI 111 Elementary Chinese I
 CHI 112 Elementary Chinese II
 CHI 211 Intermediate Chinese I
 CHI 212 Intermediate Chinese II
 FRE 111 Elementary French I
 FRE 112 Elementary French II
 FRE 211 Intermediate French I
 FRE 212 Intermediate French II
 GER 111 Elementary German I
 GER 112 Elementary German II
 GER 211 Intermediate German I
 GER 212 Intermediate German II
 HBR 111 Elementary Modern Hebrew I
 HBR 112 Elementary Modern Hebrew II

ITL 111 Elementary Italian I
 ITL 112 Elementary Italian II
 ITL 211 Intermediate Italian I
 ITL 212 Intermediate Italian II
 JPN 111 Elementary Japanese I
 JPN 112 Elementary Japanese II
 JPN 211 Intermediate Japanese I
 JPN 212 Intermediate Japanese II
 LAT 111 Elementary Latin I
 LAT 112 Elementary Latin II
 PTG 111 Elementary Portuguese I
 PTG 112 Elementary Portuguese II
 RUS 111 Elementary Russian I
 RUS 112 Elementary Russian II
 RUS 211 Intermediate Russian I
 RUS 212 Intermediate Russian II
 SPN 111 Elementary Spanish I
 SPN 112 Elementary Spanish II
 SPN 211 Intermediate Spanish I
 SPN 212 Intermediate Spanish II
 SPN 223 Survey of Latin American Literature

PHO 111 Introduction to Photography
 PHO 113 History of Photography
 MUS 114 American Music
 MUS 143 World Music and Culture
 MUS 150 Jazz History & Styles
 MUS 163 Rock History & Culture
 MUS 217 Music History & Literature to 1750
 MUS 218 Music History & Literature from 1750
 MUS 248 Enjoyment of Music
 MUS 258 Contemporary Music 20th – 21st Century

COM 234 Introduction to Film

DAN 111 Introduction to Dance (1Cr)
 DAN 112 Dance Appreciation
 DAN 134 Dance History

PHL 111 Introduction to Philosophy
 PHL 114 Ethics
 PHL 115 Logic
 PHL 180 Introduction to Philosophy (Honors)
 PHL 212 Philosophy and Religion
 PHL 280 Ancient Philosophy (Honors)

HIS 183 Modern Social Thought

HISTORY

All courses in the History category listed below are also general education courses in humanities.

HIS 113 Early Modern Europe
 HIS 114 Modern Europe

HIS 117 The Ancient World – Greece & Rome
 HIS 118 The Middle Ages
 HIS 123 History of Modern Africa
 HIS 147 History of Modern East Asia
 HIS 148 Modern Middle East
 HIS 151 Latin American History
 HIS 166 U.S. History I
 HIS 167 U.S. History II
 HIS 180 The Ancient World – Greece & Rome (Honors)
 HIS 181 The Middle Ages (Honors)
 HIS 204 History of the African-American Experience
 HIS 209 History of American Women
 HIS 210 History of American Women (Honors)

DIVERSITY

ART 133 Art History I
 ART 134 Art History II

ENG 118 Children's Literature
 ENG 206 African and African-American Literature
 ENG 243 World Literary Traditions: Beginnings to 1650
 ENG 244 World Literary Traditions: 1650 to Present
 ENG 283 World Literary Traditions: Beginnings to 1650 (Honors)
 ENG 284 World Literary Traditions: 1650 to Present (Honors)

FRE 211 Intermediate French I
 FRE 212 Intermediate French II
 FRE 221 French Conversation & Literature I
 FRE 222 French Conversation & Literature II

GER 211 Intermediate German I
 GER 212 Intermediate German II
 GER 221 German Conversation & Literature I
 GER 222 German Conversation & Literature II

ITL 211 Intermediate Italian I
 ITL 212 Intermediate Italian II

RUS 211 Intermediate Russian I
 RUS 212 Intermediate Russian II

SPN 211 Intermediate Spanish I
 SPN 212 Intermediate Spanish II
 SPN 219 Advanced Spanish Composition
 SPN 223 Survey of Latin American Literature
 SPN 224 Survey of Peninsular Literature

HIS 122 History of Russia
 HIS 123 History of Modern Africa
 HIS 147 History of Modern East Asia
 HIS 148 Modern Middle East
 HIS 151 Latin American History
 HIS 203 History of Minorities in U.S.

HIS 204 History of the African-American Experience
 HIS 209 History of American Women
 HIS 210 History of American Women (Honors)
 HIS 247 History of the American City & Suburb

ISA 110 Intercultural Communication
 ISA 215 Survey of Islam

MUS 143 World Music and Culture
 MUS 163 Rock History & Culture
 MUS 248 Enjoyment of Music

PHL 212 Philosophy & Religion
 PHL 215 Buddhist Philosophies

PSY 116 Psychology & Education of the Disabled
 PSY 218 Cross-Cultural Psychology

SOC 108 Cultural Geography
 SOC 110 Sociology of Health & Illness
 SOC 120 Principles of Sociology
 SOC 180 Principles of Sociology (Honors)
 SOC 202 Contemporary Social Issues
 SOC 206 Religion & Human Experience
 SOC 209 The Family
 SOC 214 Cultural Diversity in America
 SOC 215 Physical Anthropology
 SOC 216 Cultural Anthropology
 SOC 221 Sociology of Gender
 SOC 224 Social Psychology
 SOC 230 Sociology of Globalization
 SOC 280 Contemporary Social Issues (Honors)