Associate in Engineering

Associate in Engineering

Program [Associate in Engineering](#)
Program Code A10500

RECOMMENDED COURSE SEQUENCE

Fall Semester - Year One

Course Code	Course Title	Credits	Notes
ACA-122	College Transfer Success	1	
ENG-111	Writing and Inquiry	3	
ECO-251	Principles of Microeconomics	3	
MAT-271	Calculus I	4	
CHM-151	General Chemistry I	4	

Spring Semester - Year One

Course Code	Course Title	Credits	Notes
ENG-112	Writing and Research in the Disciplines	3	
	Social/Behavioral Science UGETC - AE	3	
MAT-272	Calculus II	4	
PHY-251	General Physics I	4	
EGR-150	Intro to Engineering	2	

Fall Semester - Year Two

Course Code	Course Title	Credits	Notes
	Humanities - AE	3	
MAT-273	Calculus III	4	
PHY-252	General Physics II	4	
	Other General Education (AE)	3-4	

Spring Semester - Year Two

Course Code	Course Title	Credits	Notes
	Fine Arts & Communication - AE	3	
	Other General Education and Pre-Major Elective Courses	3-4	
	Other General Education and Pre-Major Elective Courses	3-4	
	Other General Education and Pre-Major Elective Courses	3-4	
	Other General Education and Pre-	3-4	

Major Elective Courses

Social/Behavioral Science UGETC - AE

Below are the Social/Behavioral Science UGETC options for the Associate in Engineering.

Course Code	Course Title	Credits	Notes
HIS-111	World Civilizations I	3	
HIS-112	World Civilizations II	3	
HIS-131	American History I	3	
HIS-132	American History II	3	
POL-120	American Government	3	
PSY-150	General Psychology	3	
SOC-210	Introduction to Sociology	3	

Humanities - AE

Below are the Humanities options for the Associate in Engineering.

Course Code	Course Title	Credits	Notes
ENG-231	American Literature I	3	
ENG-232	American Literature II	3	
ENG-241	British Literature I	3	
ENG-242	British Literature II	3	
PHI-215	Philosophical Issues	3	
PHI-240	Introduction to Ethics	3	
REL-110	World Religions	3	

Fine Arts & Communication - AE

Course Code	Course Title	Credits	Notes
COM-231	Public Speaking	3	
ART-111	Art Appreciation	3	
ART-114	Art History Survey I	3	
ART-115	Art History Survey II	3	
MUS-110	Music Appreciation	3	
MUS-112	Introduction to Jazz	3	

Other General Education (AE)

Course Code	Course Title	Credits	Notes
BIO-111	General Biology I	4	
CHM-152	General Chemistry II	4	
COM-110	Introduction to Communication	3	
COM-231	Public Speaking	3	
ECO-251	Principles of Microeconomics	3	

GEL-111	Geology	4
HUM-110	Technology and Society	3
PHI-240	Introduction to Ethics	3

Total Credits 60-61

To be eligible for the transfer of credits under the AE to the Bachelor of Science in Engineering Articulation Agreement, community college graduates must obtain a grade of "C" or better in each course and an overall GPA of at least 2.5 on a 4.0 scale.