

Pitt Community College Associate in Engineering Degree (A10500)

Fall 2017 – Summer 2018

UNIVERSAL GENERAL EDUCATION (42 SHC)			
Required within the first 12 SHC <i>*ACA 122</i>	College Transfer Success	(1 SHC)	Completed <input type="checkbox"/>
English Composition (6 SHC) <i>The following two English composition courses are required.</i>			
ENG 111	Writing and Inquiry	(3 SHC)	<input type="checkbox"/>
ENG 112	Writing/Research in the Disciplines	(3 SHC)	<input type="checkbox"/>
Humanities/Fine Arts and Communication (6 SHC) <i>Select one courses from each category.</i>			
Humanities: Choose One:			
ENG 231	American Literature I	(3 SHC)	<input type="checkbox"/>
ENG 232	American Literature II	(3 SHC)	<input type="checkbox"/>
ENG 241	British Literature I	(3 SHC)	<input type="checkbox"/>
ENG 242	British Literature II	(3 SHC)	<input type="checkbox"/>
PHI 240	Introduction to Ethics	(3 SHC)	<input type="checkbox"/>
Fine Arts and Communication: Choose one:			
*COM 231	Public Speaking	(3 SHC)	<input type="checkbox"/>
*ART 111	Art Appreciation	(3 SHC)	<input type="checkbox"/>
*ART 114	Art History Survey I	(3 SHC)	<input type="checkbox"/>
*ART 115	Art History Survey II	(3 SHC)	<input type="checkbox"/>
*MUS 110	Music Appreciation	(3 SHC)	<input type="checkbox"/>
*MUS 112	Introduction to Jazz	(3 SHC)	<input type="checkbox"/>
Social/Behavioral Sciences (6 SHC) <i>Required course:</i>			
ECO 251	Principles of Microeconomics	(3 SHC)	<input type="checkbox"/>
<i>Select one course:</i>			
HIS 111	World Civilizations I	(3 SHC)	<input type="checkbox"/>
HIS 112	World Civilizations II	(3 SHC)	<input type="checkbox"/>
HIS 131	American History I	(3 SHC)	<input type="checkbox"/>
HIS 132	American History II	(3 SHC)	<input type="checkbox"/>
POL 120	American Government	(3 SHC)	<input type="checkbox"/>
PSY 150	General Psychology	(3 SHC)	<input type="checkbox"/>
SOC 210	Introduction to Sociology	(3 SHC)	<input type="checkbox"/>
Mathematics (12 SHC) <i>The following three mathematics courses are required.</i>			
MAT 271	Calculus I	(4 SHC)	<input type="checkbox"/>
MAT 272	Calculus II	(4 SHC)	<input type="checkbox"/>
MAT 273	Calculus III	(4 SHC)	<input type="checkbox"/>
Natural Sciences (12 SHC) <i>The following three natural science courses are required.</i>			
CHM 151	General Chemistry I	(4 SHC)	<input type="checkbox"/>
PHY 251	General Physics I	(4 SHC)	<input type="checkbox"/>
PHY 252	General Physics II	(4 SHC)	<input type="checkbox"/>

***Courses Without Pre-requisites**

Bold – ECU Suggested

OTHER REQUIRED HOURS (18 SHC)**Pre-major Elective**
Required course:

EGR 150	Introduction to Engineering	(2 SHC)	<input type="checkbox"/>
---------	-----------------------------	---------	--------------------------

Other General Education and Pre-major Elective Hours*Select 15 SHC from the following courses:*

CSC 134	C++ Programming	(3 SHC)	<input type="checkbox"/>
---------	-----------------	---------	--------------------------

OR

CSC 151	JAVA Programming	(3 SHC)	<input type="checkbox"/>
---------	------------------	---------	--------------------------

DFT 170	Engineering Graphics	(3 SHC)	<input type="checkbox"/>
---------	----------------------	---------	--------------------------

EGR 220	Engineering Statics	(3 SHC)	<input type="checkbox"/>
---------	---------------------	---------	--------------------------

EGR 225	Engineering Dynamics	(3 SHC)	<input type="checkbox"/>
---------	----------------------	---------	--------------------------

MAT 280	Linear Algebra	(3 SHC)	<input type="checkbox"/>
---------	----------------	---------	--------------------------

MAT 285	Differential Equations	(3 SHC)	<input type="checkbox"/>
---------	------------------------	---------	--------------------------

Total Semester Hours Credit (SHC) in Program: 60

Students must meet the receiving university's foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution.