

Pre-Architecture Engineering

Emphasis of Study



Associate in Science (Total Credit Hours – 64)

FOUNDATION STUDIES				
Written Communications (6 credit hours minimum)				
<input type="checkbox"/>	ENGL	1204	English Composition I	3
<input type="checkbox"/>	ENGL	1206	English Composition II	3
Oral Communications (3 credit hours minimum)				
<input type="checkbox"/>	COMM	1200	Interpersonal Communication OR	3
<input type="checkbox"/>	COMM	1230	Public Speaking	3
College-level Mathematics				
<input type="checkbox"/>	MATH		College-level Mathematics	3
Computer Literacy				
<input type="checkbox"/>	BSTC	1036	Computer Concepts & Applications OR equivalent	3
TOTAL				15

HUMANITIES				
3 credits from 2 of the 3 subject areas At least 3 credits from "breadth" courses				
Fine Arts				
<input type="checkbox"/>				
<input type="checkbox"/>				
Language Arts				
<input type="checkbox"/>				
<input type="checkbox"/>				
Philosophy / History / Religion				
<input type="checkbox"/>				
<input type="checkbox"/>				
TOTAL (6 credit hours minimum)				6

SOCIAL and BEHAVIORAL SCIENCES				
3 credits from 2 of the 3 subject areas At least 3 credits from the "breadth" courses				
Social Science				
<input type="checkbox"/>				
<input type="checkbox"/>				
Behavioral Science				
<input type="checkbox"/>				
<input type="checkbox"/>				
Economics / Political Science				
<input type="checkbox"/>				
<input type="checkbox"/>				
TOTAL (6 credit hours minimum)				6

NATURAL SCIENCE				
At least one 5-credit lab science course				
<input type="checkbox"/>				
<input type="checkbox"/>				
TOTAL				10

PHYSICAL EDUCATION, HEALTH, and PERFORMANCE				
Only one credit from Performance course allowed				
<input type="checkbox"/>				
<input type="checkbox"/>				
TOTAL (2 credit hours minimum)				2

REQUIREMENTS for EMPHASIS:

EMPHASIS REQUIREMENTS				
<input type="checkbox"/>	CHEM	1806	College Chemistry I	5
<input type="checkbox"/>	MATH	1832	Analytic Geometry and Calculus I	5
<input type="checkbox"/>	MATH	1834	Analytic Geometry and Calculus II	5
<input type="checkbox"/>	MATH	1836	Analytic Geometry and Calculus III	3
<input type="checkbox"/>	PHYS	1604	Engineering Physics I	5
<input type="checkbox"/>	PHYS	1606	Engineering Physics II	5
<input type="checkbox"/>				
TOTAL				18

EMPHASIS ELECTIVES				
<input type="checkbox"/>	CHEM	1808	College Chemistry II	5
<input type="checkbox"/>	LIFE	1402	Principles of Biology	5
<input type="checkbox"/>	MATH	1838	Differential Equations	3
<input type="checkbox"/>	PRGM	1025	C Programming	3
<input type="checkbox"/>	PRGM	1010	Java Programming	3
<input type="checkbox"/>	PHSC	1402	Geology	3
<input type="checkbox"/>	PHSC	1403	Geology Lab	2
<input type="checkbox"/>				
TOTAL				7

OTHER ELECTIVES				
<input type="checkbox"/>				
TOTAL				

Review Date: 05/11
Revision Date: 04/11

Student Name: _____ ID#: _____

Placement Scores: English ___ Math ___ Reading ___

www.bartonccc.edu

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