

Architectural Engineering

Emphasis of Study



Associate in Science (Total Credit Hours – 64)

FOUNDATION STUDIES			
Written Communications			
<input type="checkbox"/>	ENGL 1204	English Composition I OR	3
<input type="checkbox"/>	ENGL 1209	English Composition I w/Review	
<input type="checkbox"/>	ENGL 1206	English Composition II	3
Oral Communications			
<input type="checkbox"/>	COMM 1200	Interpersonal Communication OR	3
<input type="checkbox"/>	COMM 1230	Public Speaking	
College-level Mathematics			
<input type="checkbox"/>	MATH	College-level Mathematics	3
Computer Literacy			
<input type="checkbox"/>	BSTC 1036	Computer Concepts & Applications	3
TOTAL			15

HUMANITIES			
3 credits from 2 of the 3 subject areas See General Education List and Advisor for Transfer Information			
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

SOCIAL and BEHAVIORAL SCIENCES			
3 credits from 2 of the 3 subject areas See General Education List and Advisor for Transfer Information			
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

NATURAL SCIENCE and MATHEMATICS			
At least one 5-credit lab science course See General Education List and Advisor for Transfer Information			
<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

REQUIREMENTS for EMPHASIS:

EMPHASIS REQUIREMENTS			
<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"/>	PHYS 1606	Engineering Physics II	5
TOTAL			15

EMPHASIS ELECTIVES			
<input type="checkbox"/>		See Advisor for recommended coursework	
<input type="checkbox"/>	CHEM 1806	College Chemistry I	5
<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 1037	Computer Science I	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"/>	MATH 1836	Analytic Geometry and Calculus III	3
TOTAL			10

Review Date. 10/18
Effective Date. 10/18

Student Name: _____ ID#: _____

Placement Scores: ___ English ___ Math ___ Reading

www.bartonccc.edu

1-620-792-2701

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