

# Math Education

## Emphasis of Study



### Associate in Science (Total Credit Hours – 64)

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

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

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

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

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

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### REQUIREMENTS for EMPHASIS:

EMPHASIS REQUIREMENTS				
<input type="checkbox"/>	MATH	1832	Analytic Geometry/Calculus I	5
<input type="checkbox"/>	MATH	1834	Analytic Geometry/Calculus II	5
<input type="checkbox"/>	MATH	1836	Analytic Geometry/Calculus III	3
<input type="checkbox"/>	EDUC	1128	Foundations of Modern Education*	3
<input type="checkbox"/>	EDUC	1134	Education Field Experience*	2
<input type="checkbox"/>	PSYC	1014	Developmental Psychology	3
<b>TOTAL</b>				<b>21</b>

EMPHASIS ELECTIVES				
<input type="checkbox"/>	MATH	1838	Differential Equations	3
<input type="checkbox"/>	PHYS	1606	Engineering Physics II <b>OR</b>	5
<input type="checkbox"/>	CHEM	1806	College Chemistry II	5
<input type="checkbox"/>	STAT	1829	Elements of Statistics**	3
<input type="checkbox"/>	STAT	1827	Elements of Statistics Lab**	0-1
<input type="checkbox"/>	PRGM	1005	BASIC Programming	3
<input type="checkbox"/>	PRGM	1025	C Programming	3
<b>TOTAL</b>				<b>4</b>

Review Date: 02/12  
Revision Date: 02/12

Student Name: \_\_\_\_\_ ID#: \_\_\_\_\_  
[www.bartonccc.edu](http://www.bartonccc.edu)

Placement Scores: \_\_\_ English \_\_\_ Math \_\_\_ Reading  
1-800-748-7594

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