

Computer Science

Emphasis of Study



Associate in Science (Total Credit Hours – 64)

FOUNDATION STUDIES				
Written Communications				
<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	1230	Public Speaking	3
College-level Mathematics				
<input type="checkbox"/>	MATH	1828	College Algebra	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				
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				
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				
<input type="checkbox"/>	MATH	1832	Analytic Geometry & Calculus I	5
<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"/>	PRGM	1007	Foundations of Computer Science	4
<input type="checkbox"/>	BSTC	1005	Basic Programming	3
<input type="checkbox"/>	PRGM	1025	C Programming	3
<input type="checkbox"/>	PRGM	1030	Java Programming	3
<input type="checkbox"/>	MATH	1834	Analytic Geometry and Calculus II	5
<input type="checkbox"/>	MATH	1836	Analytic Geometry and Calculus III OR	3
<input type="checkbox"/>	Math	1833	Linear Algebra	
<input type="checkbox"/>				
TOTAL				21

EMPHASIS ELECTIVES				
<input type="checkbox"/>	BSTC	1059	Introduction to Networking	3
<input type="checkbox"/>	BSTC	1023	Database Management Systems	3
<input type="checkbox"/>	NTWK	1073	Information Security	3
<input type="checkbox"/>	MATH	1829	Elements of Statistics	3
<input type="checkbox"/>	PRGM	1035	Game Programming Design	3
<input type="checkbox"/>	PRGM	1020	Data Structures and Algorithms	3
<input type="checkbox"/>				
TOTAL				4

Review Date: 09/13
Revision Date: 09/13

Student Name: _____ ID#: _____

Placement Scores: ___ English ___ Math ___ Reading

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