

# Computer Science & Information Systems

## A.A.S. Computer Science and Information Systems- Cisco Security

200507 Revised 12/2016 (Fall 2017)

COLL 100	First Year Seminar	1		
General Education Requirements		Credits	Semester Taken	Prerequisites
ENGL 101	Composition & Reading I	3		ENGL 90 with a minimum grade of S or appropriate placement score
HIST 120	United States History to 1865 <i>or</i>	3		
HIST 121	United States History Since 1865 <i>or</i>			
POLS 135	Introduction to Political Science <i>or</i>			
POLS 136	Introduction to American National Politics <i>or</i>			
POLS 137	Introduction to State and Local Politics			
COMM 100	Fundamentals of Speech or	3		ENGL 90 with a minimum grade of S or appropriate placement score
COMM 102	Fundamentals of Human Communications			
MATH 120 or higher		3		
<i>Any course numbered 100 or above from the following disciplines:</i>		3-5		
ART, ANTH, ECON, ENGL, Foreign Language, GEOG (except 104 & 110 and GIS courses), HIST, HUMN, MUSI, PHIL, POLS, PSYC, SIGN, SOSOC, SOCI, COMM/THEA				
<i>Any course numbered 100 or above from the following disciplines:</i> BIOL, CHEM, GEOG (104 & 110), GEOL, MATH 120 or above, PHYS		3-6		
<b>Minimum Total General Education Credit Hours</b>		<b>18</b>		
Specific Program Requirements		Credits	Semester Taken	Prerequisites
BSAD 221	Business Communications	3		ENGL 90 with a minimum grade of S or appropriate placement score.
CSIS 110	Information Technology Fundamentals	3		
CSIS 115	Computer Concepts and Applications	3		
<b>Specific Emphasis Requirements</b>				
CSIS 111	Computer Hardware, Maintenance, and Troubleshooting	3		CSIS 110
CSIS 112	Introduction to Networks CCNA 1	4		CSIS 110
CSIS 113	Routing and Switching Essentials CCNA 2	4		CSIS 112
CSIS 123	Programming Fundamentals	3		CSIS 110
CSIS 151	Microcomputer Operating Systems	3		CSIS 110
CSIS 152	Linux Operating System	3		CSIS 110
CSIS 272	Network Security	4		CSIS 113
CSIS 290	Field Competencies and Employment Strategies	3		Instructor Approval Required
<b>Choose two of the following:</b>				
CSIS 172	Windows Server and Active Directory Fundamentals	3		CSIS 112 or 161 with C or higher and CSIS 151 or 152 with C or higher
CSIS 174	Virtualization and Cloud Computing Concepts	4		CSIS 172
CSIS 212	Scaling Networks CCNA 3	4		CSIS 113
CSIS 213	Connecting Networks CCNA 4	4		CSIS 212
		7-8		
<b>Total Credit Hours Required</b>		<b>62-70</b>		