

PROGRAM DESCRIPTION: The Associate in Science degree in Cybersecurity is a program that prepares students with a diverse set of skills that include the fundamentals of software development along with a special focus on computer security. The program prepares students to seek industry-based certifications such as CompTIA A+, Network+, Security+ and Project+. Completion of the AS degree may help students obtain internships or entry-level jobs or transfer credits to a university to complete a Bachelor of Science degree. The semester-by-semester plans described below are general guidance. Students should work closely with their academic advisors to develop a plan that best meets their own individual needs and goals.

PROGRAM OUTCOMES AND CURRICULUM MAP.

Minimum Credit Hours Required to Graduate = 60

Semester 1	16 hours
Course No.	Course Title
*ENGL-101	English I.....3
*MATH-108	College Algebra or higher.....3
**CSCI-130/230	Introduction to Cybersecurity or Security+.....3
**CSCI-140	Overview of Computer Science.....3
* PSYC-101 or SOCI-102	General Psychology or Introduction to Sociology.....3
*	Student Success Requirement.....1

Semester 2	15 hours
Course No.	Course Title
*ENGL-102	English II.....3
**CSCI-150	Network Essentials.....3
*	Social Science Requirement.....3
*	Humanities & Fine Arts Requirement.....3
	Open Elective.....3

Semester 3	15-17 hours
Course No.	Course Title
*COMM-101	Public Speaking.....3
**CSCI-102	Introduction to Programming.....3
**CSCI-125	CompTIA A+ Essentials.....3
*	Lab Science Requirement.....4-5
*	Personal Wellness Requirement.....2-3

Semester 4	14-16 hours
Course No.	Course Title
**CSCI190/262	Computer Ethics or Project Management.....3
*	Humanities & Fine Arts Requirement.....3
*	Mathematics & Natural Sciences Requirement.....3-5
**	Program Elective Course (select from list below).....3
	Open Elective.....2

*** PROGRAM ELECTIVE COURSES

Course No.	Course Title	Credit
CSCI-101	Introduction to Management Information Systems.....3	
CSCI-107	Advanced Programming.....3	
CSCI-110	Introduction to Computer Concepts & Applications.....3	
CSCI-126	CompTIA A+ Practical Applications.....3	
CSCI-130	Introduction to Cybersecurity.....3	
CSCI-190	Computer Ethics.....3	
CSCI-230	Security+.....3	
CSCI-262	Project Management.....3	
MATH-110	Fundamentals of Statistics.....3	
MATH-116	Discrete Mathematics.....3	

* CORE CURRICULUM REQUIREMENT
Communications, Mathematics & Natural Sciences, Social Sciences, Humanities & Fine Arts, Personal Wellness, Student Success

** REQUIRED PROGRAM COURSE

*** PROGRAM ELECTIVE COURSE
Other courses are subject for approval with submission of Graduation Substitution form.

PROGRAM DESCRIPTION: The Computer Support Specialist Certificate in Computer Information Systems is a program that provides an excellent starting point for individuals who wish to pursue a career in the Information Systems industry. Technical and communication areas of training include the development of skills in hardware, software, networking, written communication, verbal communication, and problem-solving. The completed program prepares students for the industry-recognized CompTIA A+ certification exam, to join the computer support workforce or to continue their education. The semester-by-semester plans described below are general guidelines. Students should work closely with their academic advisors to develop a plan that best meets their own individual needs and goals.

PROGRAM OUTCOMES AND CURRICULUM MAP

Minimum Credit Hours Required for Certificate= 16

Certificate A	16 hours
Course No.	Course Title
**CSCI-101	Introduction to Management Information Systems.....3
**CSCI-102	Introduction to Programming.....3
**CSCI-110	Introduction to Computer Concepts & Applications.....3
**CSCI-125	CompTIA A+ Essentials.....3
**CSCI-126	CompTIA A+ Practical Applications.....3
**PCDE-109	Career Success.....1

* CORE CURRICULUM REQUIREMENT
Communications, Mathematics & Natural Sciences, Social Sciences, Humanities & Fine Arts, Personal Wellness, Student Success

** REQUIRED PROGRAM COURSE

*** PROGRAM ELECTIVE COURSE
Other courses are subject for approval with submission of Graduation Substitution form.