Computer Information Systems Cybersecurity, A.A.S.

When are the CIS courses you need offered? Click here to see a list of CIS courses by semester availability.

Click here to see the recommended Cybersecurity course sequence.

The CIS department offers concentrations in Cybersecurity, Networking, and Programming, and short term certificates in Computer Technician, Server Administration, Cisco CCNA Preparation, Cybersecurity Essentials, Computer Science Essentials, Programming Essentials, Software Applications, and Swift App Development.

This program is designed for students seeking employment in the field of Computer Information Systems with a technical concentration. The program is not designed for transfer, although many of the courses are transferable to some senior institutions. Please note that some required courses may not be offered every semester. Due to limited course offerings, degree-seeking students may find it necessary to extend completion timelines, and attend both day and evening classes and attend classes on both campuses or online.

Students completing the CIS coursework required for this degree also fulfill the requirements for the Computer Technician and Cybersecurity Essentials short-term certificates.

Program: Computer Information Systems

Program Code: AAS-CIS-CYBS

Type: A.A.S.

GENERAL EDUCATION CORE REQUIREMENTS

Item #	Title	Credits
ORI 110	Freshman Seminar	1
ENG 101	English Composition I	3
BUS 215	Business Communications	3
BUS 271	Business Statistics I	3
	MTH 110 or higher (excluding MTH 116)	3 - 4
ECO 231	Principles of Macroeconomics	3
CIS 146	Microcomputer Applications	3
	Humanities/Fine Arts Elective	3
	Sub-Total Credits	**22-23**

MAJOR COURSE REQUIREMENTS

Item #	Title	Credits
CIS 171	Linux I (CompTIA Linux+)	3
	CIS 201 OR CIS 157	3
CIS 202	Python Programming	3
CIS 211	Principles of Information Assurance	3
CIS 214	Security Analysis	3
CIS 222	Database Management Systems	3
CIS 246	Ethical Hacking	3

CIS 263	Computer Maintenance (CompTIA A+)	3
CIS 270	Cisco CCNA I	3
CIS 271	Cisco CCNA II	3
CIS 276	Server Administration	3
CIS 277	Network Services Administration	3
CIS 280	Network Security (CompTIA Security+)	3
CIS 282	Computer Forensics	3
	Sub-Total Credits	**42**
	Total credits for degree:	64-65