Computer Science - Cybersecurity and Networking Technology

Program: Computer Science

AAS CYBERSECURITY AND NETWORKING TECHNOLOGY - Guided Pathway/Map

1st Semester

Item #	Title	Credits
ORI 110	Freshman Seminar	1
CIS 134	IT Fundamentals	3
CIS 199	Network Communications	3
CIS 149	Digital Literacy	3
ENG 101	English Composition I	3
MTH 100	Intermediate College Algebra	3
	Sub-Total Credits	16

2nd Semester

Item #	Title	Credits
CIS 202	Python Programming	3
CIS 270	Cisco CCNA I	3
CIS 245	Cyber Defense	3
CIS 171	Linux I	3
MTH 265	Elementary Statistics	3
	Sub-Total Credits	15

3rd Semester

Item #	Title	Credits
CIS 214	Pen Testing	3
CIS 271	Cisco CCNA II	3
CIS 211	Principles of Information Assurance	3
CIS 267	Enterprise Virtualization	3
	Sub-Total Credits	12

4th Semester

Item #	Title	Credits
CIS 280	Network Security	3
CIS 281	System Analysis and Design	3
SPH 106	Fundamentals of Oral Communication	3
PSY 200	General Psychology	3
	Sub-Total Credits	12

5th Semester

Item #	Title	Credits
CIS 294	Special Topics	3
IDS 102	Ethics	3
CIS 146	Computer Applications	3
CIS 263	Computer Maintenance	3
	Sub-Total Credits	12
	Total credits:	**67**