

Cybersecurity

*Associate in Science
with an emphasis in Cybersecurity
CIP 24.0101*

Careers

IT Management and Support Services
Software Development
Application Support
Network Administration and Maintenance
Database Development
E-Commerce

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Allen
COMMUNITY COLLEGE



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Program

(Recommended Sequence of Courses)

Semester I

	Hrs
CIS106 Introduction to Python Programming or	
CIS109 Introduction to Computer Programming	3
CIS110 Cybersecurity Essentials	3
CIS125 Cisco Network Basics or	
CIS241 Computer Network +	3
COL101 English Composition I	3
MAT105 College Algebra	3
SSC103 College Career Success Seminar	1
Total Hours	16

Semester II

CIS242 Network Security +	3
COL102 English Composition II	3
MAT115 Elementary Statistics	3
PSY101 Intro to Psychology	3
Physical or Life Science with Lab	5
Total Hours	17

Semester III

CIS113 Linux Essentials	3
CIS135 Computer Repair-Core Hardware or	
CIS275 Computer Repair-Operating Systems	3
ECO207 Microeconomics	3
HUM105 Ethics	3
Fine Arts and Humanities Elective	3
Total Hours	15

Semester IV

CIS215 Ethical Hacking	3
CIS230 C++ Programming I	3
COM101 Public Speaking	3
Fine Arts and Humanities Elective	3
General Elective	1
Social and Behavioral Science Elective	3
Total Hours	16

Associate in Science Graduation Total

64