
COMPUTER TECHNOLOGY - CYBERSECURITY (AOC)

PROGRAM OVERVIEW

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 Technology 226
 301-784-5308

This curriculum is designed for individuals interested in pursuing a career in cybersecurity, information assurance or network security and administration. Students completing this program should have the skills necessary for taking the appropriate Cisco and CompTIA industry certification exams.

Successful completion of this program qualifies a student to apply for an Associate of Applied Science degree in Computer Technology - Area of Concentration in Cybersecurity.

COURSE REQUIREMENTS

REQUIRED COMPUTER TECHNOLOGY COURSES

COMP-101	Computer Literacy
COMP-103	Computer Logic
COMP-107	Introduction to Cybersecurity
COMP-109	Emerging Technologies
COMP-180	PC Architecture
COMP-201	Security +
COMP-202	Digital Forensics
COMP-216 or	Cyber Law (Criminal Justice 216) or
COMP-232	Wireless Network Security
COMP-219 or	Operating Systems or
COMP-220	Linux Operating System
COMP-225	Introduction to Networking
COMP-239	Cisco Networking 2
COMP-245	Ethical Hacking
COMP-288	A+ Certification Exam Review
COMP-289	Security+ Certification Exam Review

REQUIRED GENERAL COURSES

BUAD-101 or	Introduction to Business or
BUAD-104	Sales and Customer Service
ENG-101	English Composition I
ENG-112	Business and Technical Communication
SPCH-101	Speech Communication

REQUIRED ELECTIVE COURSES

Please consult with your advisor or the Advising Center staff for selecting appropriate elective courses for graduation.

Science Elective - 3 credits

Mathematics Elective - 3 credits

Social and Behavioral Science Elective - 3 credits

PROGRAM PATH

CYBERSECURITY

AREA OF CONCENTRATION

FIRST SEMESTER

	<u>Credit Hours</u>
Computer Technology 101 (Computer Literacy)	3
Computer Technology 103 (Computer Logic)	4
Computer Technology 107 (Introduction to Cybersecurity)	3
English 101 (English Composition I)	3
Mathematics Elective	3
Total:	16

SECOND SEMESTER

Computer Technology 219 or 220 (Operating Systems or Linux OS)	3
Computer Technology 225 (Introduction to Networking)	3
English 112 (Business and Technical Communication)	3
Social and Behavioral Science Elective	3
Speech 101 (Speech Communication)	3
Total:	15

THIRD SEMESTER

Computer Technology 109 (Emerging Technologies)	3
Computer Technology 180 (PC Architecture)	3
Computer Technology 201 (Security +)	3
Computer Technology 239 (Cisco Networking 2)	3
Science Elective	3
Total:	15

FOURTH SEMESTER

Business Administration 101 or 104 (Introduction to Business or Sales and Customer Service)	3
Computer Technology 202 (Digital Forensics)	3
Computer Technology 216 or 232 (Cyber Law or Wireless Network Security)	3
Computer Technology 245 (Ethical Hacking)	3
Computer Technology 288 (A+ Certification Exam Review)	1
Computer Technology 289 (Security + Certification Exam Review)	1
Total:	14
Total Credit Hours:	60

**Computer Technology 240 (Field Placement) can be used as a substitute for any required 200-level computer technology course in the cybersecurity area of concentration.*

NOTE: All courses specifically identified by course number are graduation requirements for this program.