

CYBERSECURITY: COMPUTER SCIENCE, AS

Program code: CYCM-AS

Location: Gateway, Quinebaug Valley, Tunxis

Degree Requirements

Code	Title	Credits
Cybersecurity General Education Core		
ENG 1010	Composition	3
MATH 1000 or higher ¹		3-4
Elective ARHX - Arts & Humanities Course		3-4
Elective SCKX - Scientific Knowledge Course or Elective SCRX - Scientific Reasoning Course ²		3-4
Elective SBSX - Social / Behavioral Science Course or Elective HISX - Historical Knowledge Course		3
Elective ORAX - Oral Communication Course or Elective WRIX - Written Communication II Course		3
CCS 1001	College and Career Success	3
Cybersecurity Program Core		
CSC 1203	Python Fundamentals	3
CST 1221	Networking I	4
CST 2222	Networking II	4
CST 1141	Linux System Administration	4
CST 2161	Virtualization and Cloud Computing	3
CYS 2111	Network Security	3
CYS 2121	Information Assurance and Risk Management	3
CYS 2131	Computer Forensics and Network Intrusions	3
CYS 2151	Ethical Hacking and Pen Testing I	3
Specialization Courses		
CSC 1211	Java I	3
CSC 2212	Java II	3
CSC 2217	Digital Design	4
Total Credits		61-64

¹ MATH 1600 College Algebra recommended for Computer Science track, MATH 1200 Statistics I recommended for Networking track

² Recommended: PHYS 1100 Introductory Physics