

CYBERSECURITY - CERTIFICATE OF COMPLETION

(27-29 credits)

A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

NOTE: Students must complete all University certificate requirements to total at least 27 credits and must achieve a cumulative grade-point average of at least 2.0. Developmental coursework will not count towards the degree requirements and/or elective credits. If a student has no basic typing skills, OATS 101 Keyboarding Basics is a prerequisite for all CTEC, CSEC, and OECS courses. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

Semester 1	Credits
Choose one from the following:	3-4
MATH 1350G Introduction to Statistics	
MATH 1220G College Algebra	
MATH 1250G Trigonometry & Pre-Calculus	
MATH 1430G Applications of Calculus I	
MATH 1511G Calculus and Analytic Geometry I	
MATH 1521G Calculus and Analytic Geometry II	
MATH 1521H Calculus and Analytic Geometry II Honors	
CSEC 275 Introductory to Cryptography	3
or CSEC 283 or Ethical Hacking and Penetration Testing	
CTEC 130 Linux Workstation	3
or OECS 204 or Linux Operating System	
CTEC 135 Windows Workstation	3
or OECS 207 or Windows	
Choose one from the following:	3-4
CTEC 290 Network Security	
CTEC 285 Connecting Networks	
OECS 269 Network Security	
Credits	15-17
Semester 2	
CSEC 280 Introduction to Cyber Defense	3
CSEC 285 Introduction to Managing Information Security	3
CTEC 235 Introduction to Windows Server Administration	3
or OECS 237 or Windows Server	
CTEC 230 Introduction to Linux Server Administration	3
or OECS 234 or Linux Server	
Credits	12
Total Credits	27-29