UA Cossatot

STEM: SCIENCE, TECHNOLOGY, ENGINEERING, MATH
COMPUTER SCIENCE/CYBERSECURITY
ASSOCIATE OF SCIENCE: 62-63 CREDIT HOURS

DEVELOPMENTAL READING/ENGLISH (if needed)	
UNIV 01043 College Reading	3
ENGL 02493 Essential English	3
ENGL 02091 Composition I Lab	1

DEVELOPMENTAL MATHEMATICS (if needed)	
MATH 03873 Pre-Algebra	3
MATH 01071 College Algebra Lab	1

GENERAL EDUCATION STATE CORE	
ENGL 10103 Composition I	3
ENGL 10203 Composition II	3
ENGL 21103/21203 World Literature I or II	3
SPCH 10003 Principles of Speech	3
ARHS 10003 Intro to Fine Arts: Art -OR- MUSC 10003 Intro to Fine Arts: Music	3
PLSC 20003 American Government	3
HIST 21103/21203 US History I OR II	3
SOCI 10103 Introduction to Sociology	3
MATH 11003 College Algebra	3
BIOL 10104 General Biology	4
PHSC 11004 Earth Science	4
GENERAL EDUCATION STATE CORE	**35**

AS STEM REQUIREMENTS	
UNIV 10152 Success Strategies UNIV 10261 Transfer Seminar	2 1
CESC 11033 Introduction to Cybersecurity	3
CESC 12403 Programming Fundamentals I	3
CPSI 11103 Web Technologies	3
CESC 22433 Network Security	3
CESC 12303 Operating Systems	3
MATH 26103 Discrete Mathematics	3
AS STEM REQUIREMENTS	**21**

ELECTIVE: COMPUTER SCIENCE	
MATH 12003 Trig and Analytic Geometry	3
MATH 24005 Calculus I	4
ELECTVE: CYBERSECURITY	
CESC 21003 System Security	3
CESC 12203 Ethics in Cybersecurity	3
ELECTIVE REQUIREMENTS	**6-7**

Certificate of Proficiency: Cyber Fundamentals	12
CESC 11033 Introduction to Cybersecurity	3
CPSI 11103 Web Technologies	3
CESC 12303 Operating Systems	3
CESC 12403 Programming Fundamentals I	3

Technical Certificate: Cyber Fundamentals	21
CESC 11033 Introduction to Cybersecurity	3
CPSI 11103 Web Technologies	3
CESC 12303 Operating Systems	3
CESC 12403 Programming Fundamentals I	3
CESC 10103 Ethics in Cybersecurity	3
CESC 22433 Network Security	3
CESC 21003 System Security	3

ADVISOR: Crystal Sims csims@cccua.edu

PROGRAM INFORMATION: This degree is designed for those who wish to apply for and transfer into a computer science or cybersecurity program at a four-year university. Students may have the opportunity to earn industry credentials, such as ISC2-CC, A+, Network+, and Security+. Students who do not wish to transfer may be prepared to enter the workforce at an entry level position. Students on the Computer Science track may earn the CP: Cybersecurity Fundamentals I as a stackable credential. Students on the Cybersecurity track may earn CP: Cybersecurity Fundamentals I and TC: Cybersecurity Fundamentals as stackable credentials.

TRANSFER OPTIONS:
- Arkansas Tech University for Bachelor of Science in Computer Science
- Arkansas Tech University for Bachelor of Science in Cybersecurity
- Southern Arkansas University for Bachelor of Science in Computer Science
- University of Arkansas at Fayetteville for Bachelor of Science in Computer Science
- University of Arkansas at Little Rock for Bachelor of Science in Computer Science
- University of Arkansas at Little Rock for Bachelor of Science in Cybersecurity