

STEM: SCIENCE, TECHNOLOGY, ENGINEERING, MATH COMPUTER SCIENCE/CYBERSECURITY

ASSOCIATE OF SCIENCE: 62-63 CREDIT HOURS

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

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

GENERAL EDUCATION STATE CORE		HOURS
	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		HOURS
	UNIV 10152 Success Strategies	2
	UNIV 10261 Transfer Seminar	1
	CESC 12103 Introduction to Cybersecurity	3
	CESC 12403 Programming Fundamentals I	3
	CESC 11103 Web Technologies	3
	CESC 22433 Network Security	3
	CESC 12303 Operating Systems	3
	Discrete Mathematics	3
AS: STEM REQUIREMENTS		21

ELECTIVE: COMPUTER SCIENCE		HOURS
	MATH 2043 Trig and Analytic Geometry	3
	MATH 2054 Calculus I	4
ELECTIVE: CYBERSECURITY		HOURS
	CESC 21003 System Security	3
	CESC 12203 Ethics in Cybersecurity	3
ELECTIVE REQUIREMENTS		6-7

Certificate of Proficiency: Cyber Fundamentals		HOURS
	CESC 12103 Introduction to Cybersecurity	3
	CESC 11103 Web Technologies	3
	CESC 12303 Operating Systems	3
	CESC 12403 Programming Fundamentals I	3
CP: Cyber Fundamentals		12

Technical Certificate: Cyber Fundamentals		HOURS
	CESC 12103 Introduction to Cybersecurity	3
	CESC 11103 Web Technologies	3
	CESC 12303 Operating Systems	3
	CESC 12403 Programming Fundamentals I	3
	CESC 12203 Ethics in Cybersecurity	3
	CESC 22433 Network Security	3
	CESC 21003 System Security	3
TC: Cyber Fundamentals		21

ADVISOR: Crystal Sims

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 CPs: Cybersecurity Fundamentals I and II 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