

**STEM: SCIENCE, TECHNOLOGY, ENGINEERING, MATH
COMPUTER SCIENCE/CYBERSECURITY
2024-25 DEGREE PLAN
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	2
	UNIV 10261 Transfer Seminar	1
	CEC 12103 Introduction to Cybersecurity	3
	CEC 12403 Programming Fundamentals I	3
	CEC 11103 Web Technologies	3
	CEC 22433 Network Security	3
	CEC 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
ELECTIVE: CYBERSECURITY		
	CEC 21003 System Security	3
	CEC 12203 Ethics in Cybersecurity	3
ELECTIVE REQUIREMENTS		6-7

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

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