ATU ARKANSAS TECH UNIVERSITY

NAME:_____ T#:_____ DATE:_____

2025-2026 Degree Map-Associate of Applied Science in Cybersecurity

This map is a term-by-term sample course schedule. The milestones listed to the right of each term are designed to keep you on course to graduate in four years. The Sample Schedule serves as a general guideline to help you build a full schedule each term. See course descriptions and prerequisites at https://catalog.atu.edu/

#Prerequisite Courses: ENGL 0303____ MATH 0803___ MATH 1003____ MATH 0903____ MATH 1113___ MATH 1110____ MATH 1203 ____

Possible Careers: Entry Level Roles in the Field of Cybersecurity and Information Technology. Security Analyst, Cyber Security Specialist/Technician.

Sample Schedule — Milestones/Notes

Semester 1	Hrs.	Grade	Semester 1
ENGL 1013-Comp I (ACTS=ENGL 1013)	3	#	
Fine Arts & Humanities	3		
MATH 2243- Calculus for Business & Econ. (ACTS=MATH 2203)	3	#	eq: 22 or higher on math ACT or C> in MATH 1113 or higher
TECH 1001- Orientation to the University	1		
CSEC 1113- Introduction to Networking	3		Draft a résumé to upload to Handshake
CSEC 1003- Introduction to Cybersecurity	3		
Total hours	16	GPA	

Semester 2	Hrs.		Semester 2
ENGL 1023- Comp II (ACTS= ENGL 1023)	3	#	Attend a career fair and explore part-time or volunteer options
Science with Lab	4		
COMS 1013- Programming Foundations I	3		Prereq: MATH 1113 or higher
COMS 1011- Programming Foundations I Lab	1		PASS/FAIL Coreq: COMS 1013
CSEC 1213- Wireless and Cellular Security	3		Prereq: CSEC 1113
Total hours	14	GPA	

The Arkansas Course Transfer System (ACTS) is designed to assist in planning the academic progress of students. This system contains information about the transferability of courses within Arkansas public colleges and universities. The Arkansas Course Transfer System can be accessed by searching keyword "ACTS" at https://adhe.edu/

Sample Schedule — Milestones/Notes

Semester 3	Hrs.		Semester 3
Social Sciences	3		Do a mock interview utilizing Career Services
COMS 2203- Programming Foundations II	3		Prereq: C> COMS 1013 & C> MATH 1113 or higher
MATH 2703-Discrete Mathematics	3		Prereq: C> MATH 1113 or higher
CSEC 2213- Network Forensics and Incident Response	3		Prereq: CSEC 1113
CSEC 2223- Virtualization	3		Fall Only Prereq: CSEC 1113
			Finalize résumé, cover letter, and references
Total hours	15	GPA	Complete a senior check-in with Career Services

Semester 4	Hrs.		Semester 4
COMM 2173- Business and Professional Speaking	3		COMM 2003 Public Speaking may sub
COMS 2213- Data Structures	3		Prereq: MATH 2703 and C> in COMS 2203
COMS 2323- Programming in Python	3		Prereq: COMS 2203
General Electives*	3		**Graduation Requirements:**
General Electives*	3		No more than 4 PE activity hours
Total hours	15	GPA	Min hours required 60 2.00+ GPA

General Electives: 6 hours (1000-4000 level)

# indicates a "C" or higher is required

*Students interested in obtaining BS-CSEC should chose electives that count toward BS-CSEC degree.

Consider CP in Computer Programming and Computer Networking

Shading indicates courses that would directly apply to the BS-CSEC degree.

Fine Arts and Humanities	U.S. History & Government
ART 2123 Experiencing Art (ACTS=ARTA1003)	HIST 1903 Survey of American History
MUS 2003 Survey of Music History (ACTS=MUSC1003)	HIST 2003 U.S. History to 1877 (ACTS=HIST2113)
TH 2273 Introduction to Theatre (ACTS=DRAM 1003)	HIST 2013 U.S. History since 1877 (ACTS=HIST2123)
ENGL/JOUR 2173 Introduction to Film	POLS 2003 American Government (ACTS=PLSC2003)
ENGL 2003 Introduction to World Literature (ACTS=ENGL2113)	
ENGL 2013 Intro. to American Literature (ACTS=ENGL2653)	**University Honors students should consult Course Catalog**
PHIL 2003 Introduction to Philosophy (ACTS=PHIL1103)	**for appropriate Fine Arts/Humanities, US**
PHIL 2053 Introduction to Critical Thinking (ACTS=PHIL 1003)	**History/Government and Social Science options for**
1013 from SPAN, FR, GER, JPN, CHIN, or LAT	**University Honors Curriculum.**
1023 from SPAN, FR, GER, JPN, CHIN, or LAT	
LEAD 2003 Ethics in Leadership	

	Social Sciences
HIST 1503 World History to 1500 (ACTS=HIST1113)	ANTH 1213 Intro. to Anthropology (ACTS=ANTH1013)
HIST 1513 World History since 1500 (ACTS=HIST1123)	ANTH 2003 Cultural Anthropology (ACTS=ANTH2013)
HIST 2003 U.S. History to 1877 (ACTS=HIST2113)	GEOG 2013 Regional Geography of the World (ACTS=GEOG2103)
HIST 2013 U.S. History since 1877 (ACTS=HIST2123)	AMST 2003 American Studies
HIST 1903 Survey of American History	FIN 2013 Personal Finance
POLS 2003 American Government (ACTS=PLSC2003)	LEAD 1003 Introduction to Leadership
ECON 2003 Principles of Macroeconomics (ACTS=ECON2103)	**Science with Lab**
ECON 2013 Principles of Microeconomics (ACTS=ECON2203)	BIOL 1014- Intro. to Biological Science (ACTS= BIOL1004)
SOC 1003 Introductory Sociology (ACTS=SOCI1013)	BIOL/PHSC 1004- Principles of Environmental Science
PSY 2003 General Psychology (ACTS=PSYC1103)	GEOL 1014- Physical Geology (ACTS= GEOL 1114)