COLLEGE OF ENGINEERING
THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

Cybersecurity Engineering
2026/2027 (124 Hours)
Academic Checksheet

Student A# | **Student Name (Last, First)**

	Semester, Transfer or AP	Grade	Course Number	Cr Hrs	Course Title	Prerequisites, Corequisites and/or Prerequisites with Concurrency	Offered: F=Fall S=Spr M=Sum
					English - 6 hours		
			EH 101	3	College Writing I	Placement	FSM*
			EH 102	3	College Writing II	EH 101	FSM*
					Mathematics - 15 hours		
			MA 171	4	Calculus I	MA 113 or Level III Placement	FSM*
			MA 172	4	Calculus II	MA 171 or MA 151	FSM*
			MA 201	4	Calculus III	MA 172	FSM*
			MA 244	3	Introduction to Linear Algebra	MA 172	FSM*
					Science Elective - 4 hours		
				3		BYS 119/121 or CH 121/125	FSM*
				1			
					Physics - 8 hours		
			PH 111	3	General Physics w/Calculus I	MA 171 or MA 151; Coreq: 114	FSM*
			PH 114	1	General Physics Lab I	Prereq w/Con: PH 111	FSM*
			PH 112	3	General Physics w/Calculus II	MA 172, PH 111, PH 114; Coreq: 115	FSM*
			PH 115	1	General Physics Lab II	Coreq: PH 112	FSM*
					History, Social & Behavioral Sciences, Humanities & Fine Arts - 18 hours		
				3	History	For more information on HSBS/HFA Requirements: http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms	FSM*
				3	Literature		FSM*
				3	Fine Art		FSM*
				3	Social & Behavioral Science		FSM*
				3	Sequence Course (HY or EH)		FSM*
				3	HSBS/HFA		FSM*
					Engineering - 4 hours		
			FYE 101	1	Charger Success: Engineering	None	F
			EGR 101	3	Computing for Engineers	Prereq w/Con: MA 113 or MA 151	FSM*
			EGR 299	0	Engineering Mentoring I	EGR 101, Prereq w/Con: MA 201	FS
			EGR 399	0	Engineering Mentoring II	EGR 299, CPE 212	FS
**	Class has required lab section				**Cybersecurity - 63 hours**		
			EE 202	3	Intro to Digital Logic Design	EGR 101	FSM*
			EE 203	1	Digital Logic Design Lab	EE 202	FSM*
**			CPE 211	3	Intro to Computer Programming in Engineering	EGR 101, Prereq w/Con: MA 171; Coreq: CPE 211L	FSM*
			CPE 212	3	Fundamentals of Software Engineering	CPE 211	FS
			CS 214	3	Intro to Discrete Structures	MA 171 or MA 151, CPE 211	FSM*
			CPE 221	3	Computer Organization	CPE 211; Prereq w/Con: EE 202	FSM*
			CS 417	3	Design & Analysis of Algorithms	CS 214, CPE 212, MA 244	FSM*
			CPE 323	3	Intro to Embedded Computer Systems	CPE 221; Coreq: CPE 325	FS
			CPE 325	1	Emedded Systems Lab	Coreq: CPE 323	FS
			CPE 348	3	Introduction to Computer Networks	CPE 221	FS
			CPE 353	3	Software Design & Engineering	CPE 212; Prereq w/Con: CS 417	F
			EE 385	3	Probability and Statistics for ECE	EGR 101, MA 201, MA 244	FS
			CPE 434	3	Operating Systems	CPE 221, CPE 353, Coreq: CPE 435	S
			CPE 435	1	Operating Systems Lab	Coreq: CPE 434	S
			CPE 449	3	Introduction to Cybersecurity Engineering	CPE 348	F
			IS 450	3	Cybersecurity Management	CPE 212	F
			CS 465	3	Network Security	CPE 212, CPE 348	FS
			CS 480	3	Digital Forensics for Mobile Devices	CPE 323	FS
			CPE 455	3	Secure Software Development	CPE 353	S
			CPE 457	3	Software Reverse Engineering	CPE 353	F
			CPE 459	3	System Security	CPE 348, CPE 449	S
			CPE 488	3	Cybersecurity Capstone I	EGR 399, Prereq w/con: CS 465, CPE 457, CPE 449	F
			CPE 498	3	Cybersecurity Capstone II	CPE 488, IS 450; Prereq w/Con: CPE 459	S
					Cybersecurity Elective - 6 hours		
				3		300+ Level course approved by advisor: List of Approved CBS Electives at http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms	
				3			

All prerequisite classes must be completed with a "C-" or higher grade.
The Catalog is the final authority for all degree requirements.

Note: No ET courses may be used to satisfy degree requirements.
****Summer class offerings are subject to instructor availability***