

Student A#				Student Name (Last, First)			Offered: F=Fall S=Spr M=Sum
Semester, Transfer or AP	Grade	Course Number	Cr Hrs	Course Title	Prerequisites, Corequisites and/or Prerequisites with Concurrency		
<b>English - 6 hours</b>							
		EH 101	3	College Writing I	Placement		FSM*
		EH 102	3	College Writing II	EH 101		FSM*
<b>Mathematics - 15 hours</b>							
		MA 171	4	Calculus A	MA 113 or Level III Placement		FSM*
		MA 172	4	Calculus B	MA 171		FSM*
		MA 201	4	Calculus C	MA 172		FSM*
		MA 244	3	Introduction to Linear Algebra	MA 172		FSM*
<b>Science - 4 hours</b>							
			3				
			1		BYS 119/121 or CH 121/125		FSM*
<b>Physics - 8 hours</b>							
		PH 111	3	General Physics w/Calculus I	MA 171; 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*
<b>History, Social &amp; Behavioral Sciences, Humanities &amp; Fine Arts - 18 hours</b>							
			3	History	For more information on HSBS/HFA Requirements: <a href="http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms">http://www.uah.edu/eng/departments/ undergraduate-engineering/student-forms</a>		FSM*
			3	Literature			FSM*
			3	Fine Art			FSM*
			3	Social & Behavioral Science			FSM*
			3	Sequence Course (HY or EH)			FSM*
			3	HSBS/HFA			FSM*
<b>Engineering - 4 hours</b>							
		FYE 101	1	Charger Success: Engineering	None		F
		EGR 101	3	Computing for Engineers	Prereq w/Con: MA 113		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
<b>** Class has required lab section Cybersecurity - 63 hours</b>							
		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, CPE 211		FSM*
		CPE 221	3	Computer Organization	CPE 211; Prereq w/Con: EE 202		FSM*
		CS 317	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 317		F
		ISE 390	3	Probability & Engineering Statistics I	Prereq w/Con: MA 201		FSM*
		CPE 434	3	Operating Systems	CPE 221, (CS 307 or 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 211		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	CS 465, 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
<b>Cybersecurity Elective - 6 hours</b>							
			3		300+ Level course approved by advisor: List of Approved CBS Electives at		
			3		<a href="http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms">http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms</a>		

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