

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	
English - 6 hours						
		EH 101	3	College Writing I	Placement	FSM*
		EH 102	3	College Writing II	EH 101	FSM*
Mathematics - 18 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 238	3	Applied Differential Equations	Prereq w/Con: MA 201	FSM*
		MA 244	3	Introduction to Linear Algebra	MA 172	FSM*
Chemistry - 4 hours						
		CH 121	3	General Chemistry I	Plcmt or Prereq w/Con: MA 113 or higher, CH 125	FSM*
		CH 125	1	General Chemistry Lab I	Prereq w/Con: CH 121	FSM*
Physics - 12 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*
		PH 113	3	General Physics w/Calculus III	MA 201, PH 112, PH 115; Coreq: 116	FSM*
		PH 116	1	General Physics Lab III	Coreq: PH 113	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, Prereq w/Con: EE 382	FS
** Class has required lab section Electrical Engineering - 52 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*
		EE 215	3	Electrical Circuit Analysis I	Prereq w/Con: PH 112, MA 201	FSM*
		CPE 221	3	Computer Organization	CPE 211; Prereq w/Con: EE 202	FSM*
		EE 223	3	Design & Modeling of Electric Circuits & Systems	EE 202, EE 215	FS
		EE 307	3	Electricity and Magnetism	PH 112, MA 201, EE 215	FSM*
		EE 308	3	Electromagnetic Engineering	EE 307	FS
		EE 310	3	Solid State Fundamentals	PH 113; Prereq w/Con: MA 238	FS
		EE 315	3	Introduction to Electronic Analysis and Design	EE 215	FSM*
		EE 316	1	Electronic Measurements & Devices Design Lab	Prereq w/Con: EE 315	FS
		ISE 321	3	Engineering Economy	EGR 101	FSM*
		CPE 323	3	Intro to Embedded Computer Systems	CPE 221; Coreq: CPE 325	FS
		CPE 325	1	Emdedded Systems Lab	Coreq: CPE 323	FS
		EE 382	3	Analytical Meth for Continuous Time Sys	EE 215, MA 238, MA 244	FSM*
		EE 383	3	Analytical Meth for Mult and Discr Time Sys	EE 382	FSM*
		EE 384	1	Digital Signal Processing Laboratory	CPE 381 or Prereq w/Con:EE 383	FS
		EE 385	3	Probability and Statistics for ECE	EGR 101, MA 201, MA 244	FS
		EE 386	3	Introduction to Control and Robotic Systems	CPE 381 or EE 382	FS
		EE 494	3	EE Design Projects	EE 223, EE 307, EE 315, EE 383, EE 385, CPE 323, ISE 321, EGR 399	FS
Electrical Engineering Electives - 12 hours						
			3	T1	Track: _____	
			3	T2	(Must take a 2 course track in one area.)	
			3		300+ Level course approved by advisor: list of approved EE Electives at http://www.uah.edu/eng/departments/undergraduate-engineering/student-forms	
EE with Optics Concentration: T1 - OPT 341, T2 - OPT 342, choose 2: EE 416, EE 436, EE 453, EE 454						
Technical Elective - 3 hours						
			3		200+ Level Science or Engineering course approved by advisor (AES 210 is not approved)	

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