

Student A#

Student Name (Last, First MI)

Offered:
F=Fall
S=Spring
M=Summer

Semester, Transfer or AP	Grade	Course Number	Cr Hrs	Course Title	Prerequisites, Corequisites and/or Prerequisites with Concurrency	Offered:
English - 6 hours						
		EH 101	3	Freshman Composition I	Placement	FSM
		EH 102	3	Freshman Composition II	EH 101	FSM
Mathematics - 18 hours						
		MA 171	4	Calculus A	MA 113 or MA 115 or Level III Placement	FSM
		MA 172	4	Calculus B	MA 171	FSM
		MA 201	4	Calculus C	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 CH 101, MA 113 or 115, Prereq w/Con: MA 171, Coreq: CH 125	FSM
		CH 125	1	General Chemistry Lab I	Coreq: CH 121	FSM
Physics - 12 hours						
		PH 111	3	General Physics w/Calculus I	MA 171	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	FSM
		PH 115	1	General Physics Lab II	Prereq w/Con: PH 112	FSM
		PH 113	3	General Physics w/Calculus III	MA 201, PH 112	FSM
		PH 116	1	General Physics Lab III	Prereq w/Con: PH 113	FSM
History, Social & Behavioral Sciences - 9 hours						
		HY	3	History	See History, Social & Behavioral Science (HSBS) List; http://www.uah.edu/eng/center-for-undergrad-eng-edu/student-forms	FSM
			3		Must have six hour sequence in either HSBS or HFA.	FSM
			3			FSM
Humanities & Fine Arts - 9 hours						
		EH	3	Literature	See Humanities & Fine Art (HFA) List; http://www.uah.edu/eng/center-for-undergrad-eng-edu/student-forms	FSM
			3	Fine Arts	Must have six hour sequence in either HSBS or HFA.	FSM
			3			FSM
Engineering Core - 12 hours						
		EE 213	3	Electrical Circuit Analysis I	PH 112, Prereq w/Con: MA 238 & (MA 244 or CHE 244 or MAE 285)	FSM
		ISE 321	3	Engineering Economy	Sophomore Standing	FSM
		EE 310	3	Solid State Fundamentals	PH 113, Prereq w/Con: MA 238	FS
		EE 382	3	Analytical Meth for Continuous Time Sys	EE 213, MA 238	FSM
**	Class has required lab section					
Electrical Engineering Option - 43 hours						
**		EE 100	3	Fund of Computer, Electrical & Optical Eng	Prereq w/Con: MA 112, Coreq: EE 100L	FSM
**		CPE 112	3	Intro to Computer Programming in Engineering	MA 113, MA 115 or Level III Placement, Coreq: CPE 112L	FSM
		EE 202	3	Intro to Digital Logic Design	CPE 112, EE 100	FSM
		EE 203	1	Digital Logic Design Lab	EE 202	FSM
		CPE 221	3	Computer Organization	EE 202	FSM
		EE 307	3	Electricity and Magnetism	EE 213	FSM
		EE 308	3	Electromagnetic Engineering	EE 307	FS
		EE 313	3	Electrical Circuit Analysis II	EE 213	FSM
		EE 315	3	Introduction to Electronic Analysis and Design	EE 213	FSM
		EE 316	1	Electronic Measurements & Devices Design Lab	Prereq w/Con: EE 315	FS
		CPE 323	3	Intro to Embedded Computer Systems	CPE 221, Coreq: CPE 325	FS
		CPE 325	1	Lab Component of Intro of CE 323	Coreq: CPE 323	FS
		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	Random Signals and Noise	CPE 381 or EE 382	FSM
		EE 386	3	Introduction to Control and Robotic Systems	CPE 381 or EE 382	FSM
		EE 494	3	EE Design Projects	EE 308, EE 310, EE 313, EE 315, EE 383, EE 385, EE 386, CPE 323, ISE 321	FS
Electrical Engineering Electives - 12 hours						
			3	T1	Track: _____	
			3	T2	(Must take a 2 course track in one area.)	
			3		300 - level or above ECE course only	
			3		300 - level or above ECE course only	
Technical Elective - 3 hours						
			3		200 - level or above Science or Engineering course	

All prerequisite classes must be completed with a "C" or higher grade.

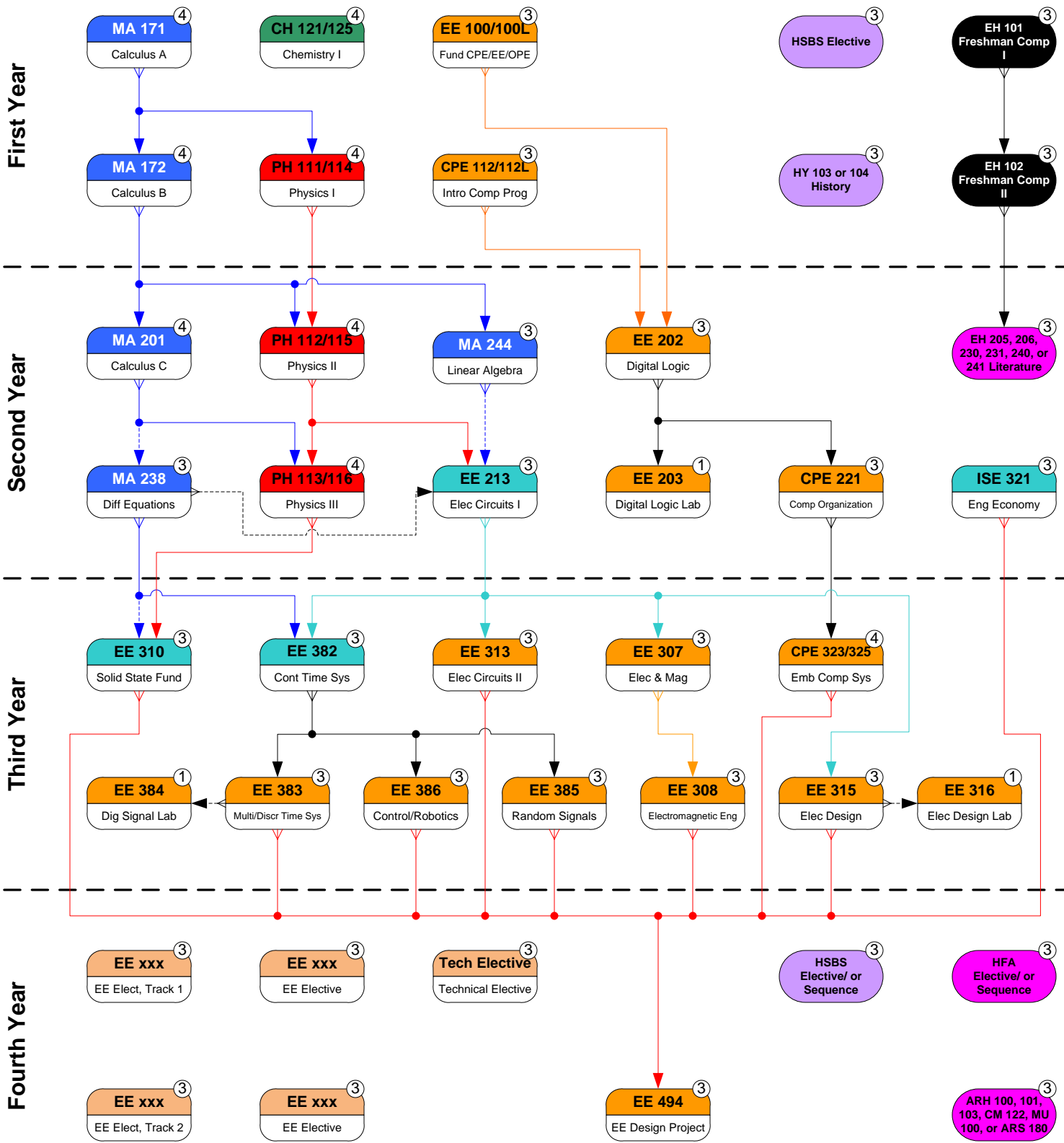
The Catalog is the final authority for all degree requirements.

Updated: 9/5/2012

Electrical Engineering Program 2012/2013 (128 Hours)

UAHuntsville

Electrical Engineering Program 2012/2013 (128 Hours)



Legend

- Freshman Comp
- Mathematics
- Chemistry
- Physics
- History, Social & Behavioral Sciences
- Hum. & Fine Arts
- Engineering Core
- Electrical Eng Option
- Electives
- 3 Credit Hours
- Prerequisite
- Prereq w/concurrency



Department	Electrical & Computer	Prepared by	Jacob Kerstiens	Date	6/4/12
Program	Electrical Engineering Program	Approved by		Date	