Electronics Engineering

Effective for Students Entering Fall 2008

Suggested Program of Study

	Semester 1			Semester 2	
CEEN 1030	CEEN Fundamentals	4	CEEN 1060	Microprocessor Apps	3
MATH 1950	Calculus I	5	CEEN 2250	CEEN Seminar	1
CIST 1400	Intro to Comp Prog	3	MATH 1960	Calculus II	5
ENGL 1160	English Comp	3	PHYS 2110	General Physics I	4
		15	PHYS 1154	General Physics Lab 1	1
			SPCH 1110	Public Speaking Fund	3
					17
	Semester 3			**Semester 4**	
CEEN 2130	Electrical Circuits I	4	CEEN 2140	Electrical Circuits II	3
CEEN 2184	Circuits Lab I	1	CEEN 2220	Electronic Circuits I	4
MATH 3350	Differential Equations	3	CEEN 3130	Switching Ckt Theory	4
PHYS 2120	General Physics II	4	ENGL* 3980	Technical Writing	3
MATH 2050	Linear Algebra	3	MATH 1970	Calculus III	4
		15			**18**
	Semester 5			**Semester 6**	
CEEN 3280	Applied Fields	3	CEEN 3250	Communications Systems	4
CEEN 3520	Electronics II	4	CEEN 3550	Signals & Linear Sys	3
STAT 3800	Engr Prob & Stat	3	CEEN 3610	Data & Tele Txers	4
	Hum/Soc Elective[1]	6		Hum/Soc Elective[1]	6
					17
		16			
	Semester 7			**Semester 8**	
CEEN 4630	Digital Comm Media	4	CEEN 4980	Senior Thesis	3
CEEN 4660	Telecomm Engr I	4		Specified Tech Elective[3]	7
ENGR 4690	Technology & Civ	3		Free Elective[2]	4
CEEN 4970	Senior Thesis Proposal	1		Hum/Soc Elective[1]	3
	Specified Tech Elective[3]	3			**17**
	Free Elective[2]	3			
		18			

*ENGR 3000 Creativity and Writing for Engineers may be substituted

[1]A minimum of 8 hrs social science electives and a minimum of 5 hrs humanities electives in addition to the 3 credit hour ENGR 4690 are required. A total of at least 15 hrs total hum/soc electives are required. At least one of the hum/soc electives must meet the University's US Racial or Hispanic Minority Group diversity requirement.

[2] Free Elective is any course not considered remedial or lower than an entry-level required course.

[3] At least 7 of the Specified Technical Electives must be CEEN courses.