

Computer Engineering

Effective for Students Entering Fall 2008

Suggested Program of Study Rev 2

Semester 1			Semester 2		
CEEN 1030	CEEN Fundamentals	4	CEEN 1060	Microprocessor Apps	4
MATH 1950	Calculus I	5	CEEN 2250	CEEN Seminar	1
CIST 1400	Intro Comp Prog I	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
			CSCI 1620	Intro Comp Sci II	3
					18
Semester 3			Semester 4		
CEEN 2130	Electrical Circuits I	4	CEEN 2220	Electronic Circuits I	4
CEEN 2184	Circuits Lab I	1	CEEN 3130	Switching Ckt Theory	4
MATH 2050	Linear Algebra	3	MATH 1970	Calculus III	4
MATH 2350	Differential Equations	3	SPCH 1110	Public Speaking	3
PHYS 2120	General Physics II	4		Hum/Soc Elective ¹	3
		15			18
Semester 5			Semester 6		
CEEN 3280	Applied Fields	3	CEEN 3250	Communications Systems	4
CEEN 3100	Digital Dsgn & Interface	4	CEEN 4330	Computer Design I	4
ENGL* 3980	Technical Writing	3	CSCI 3320	Data Structures	3
STAT 3800	Engr Probability & Stat	3		Free Elective ²	3
	Hum/Soc Elective ¹	3		Hum/Soc Elective ¹	3
		16			17
Semester 7			Semester 8		
CEEN 4360	Computer Design II	4	CEEN 4980	Senior Thesis	3
CEEN 4970	Senior Thesis Proposal	1		Specified Tech Elective ³	8
CSCI 4500	Operating Systems	3		Hum/Soc Elective ¹	3
ENGR 4690	Technology & Civ	3		Free Elective ²	3
	Specified Tech Elective ³	3			17
	Hum/Soc Elective ¹	3			
		17			
*ENGR 3000 Creativity and Writing for Engineers may be substituted					

¹A 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.

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

³At least 8 of the Specified Technical Electives must be CEEN courses.