

Course of Study for Computer Engineering
For Students entering Fall 2011

Freshman Year/Fall Semester		Cr.	Freshman Year/Spring Semester		Cr.
__16.100	Intro to ECE	1	__25.108	Intro to Engineering II	2
__25.107	Intro to Engineering I	2	__42.102	(Gen. Ed.) College Writing II	3
__42.101	(Gen. Ed.) College Writing I	3	__92.132	Calculus II**	4
__92.131	Calculus I*	4	__95.144	Physics II	3
__95.141	Physics I	3	__96.144	Physics Lab II	1
__96.141	Physics Lab I	<u>1</u>	__ __. __	(Gen. Ed.) SS	<u>3</u>
		14			16

Sophomore Year/Fall Semester		Cr.	Sophomore Year/Spring Semester		Cr.
__16.201	Circuit Theory I	3	__16.202	Circuit Theory II	3
__16.207	Basic Circuits Lab I	2	__16.208	Basic Circuits Lab II	2
__16.265	Logic Design I	3	__16.216	ECE Applications Programming	3
__92.231	Calculus III	4	__92.236	Eng. Differential Equations	3
__ __. __	(Gen. Ed.) AH	<u>3</u>	__92.360	Math Structures for CpE	3
		15	__ __. __	(Gen. Ed.) SS	<u>3</u>
					17

Junior Year/Fall Semester		Cr.	Junior Year/Spring Semester		Cr.
__16.365	Electronics I	3	__16.317	Microprocessors System Design I	3
__16.311	Electronics Lab I	2	__16.363	Intro to Prob. & Random Proc.	3
__16.322	Data Structures & Algorithms	3	__16.366	Electronics II	3
__16.362	Signals & Systems I	3	__16.312	Electronics II Lab	2
__16.364	Engineering Math	3	__45.334	(Gen. Ed.) AH - Eng. Values (AH)	3
__ __. __	(Gen. Ed.) AH	<u>3</u>	__ __. __	(Gen. Ed.) SS	<u>3</u>
		17			17

Senior Year/Fall Semester		Cr.	Senior Year/Spring Semester		Cr.
__16.399	Capstone Proposal	3	__16.482	Comp. Architecture and Design	3
__16.400	Engineering Topics	1	__16.483	Network Design	3
__16.481	Operating Sys. & Kernel Design	3	__16.499	Capstone Project	3
__16.450	Adv. Digital System Design	3	__16.4/5xx	***Technical Elective	<u>3</u>
__16.480	Microprocessors II	3			12
__16.4/5xx	***Technical Elective	<u>3</u>			
		16			

Total minimum credits = 122

* Or 92.128 Calculus 1A AND 92,129 Calculus 1B followed by 92.132 Calculus II

** A grade of C or better in Calculus II is required.

*** Technical electives are non-required courses numbered 16.4xx or 16.5xx.