

Course of Study for Electrical Engineering
(For Students entering in Fall 2011)

Freshman Year/Fall Semester		Cr.	Freshman Year/Spring Semester		Cr.
___16.100	Intro. to ECE	1	___25.108	Intro to Eng. Design II	2
___25.107	Intro to Eng. Design I	2	___92.132	Calculus II	4
___92.131	Calculus I	4	___95.144	Physics II	3
___95.141	Physics I	3	___96.144	Physics II Lab	1
___96.141	Physics Lab I	1	___42.102	(Gen. Ed.) College Writing II	3
___42.101	(Gen. Ed.) College Writing I	<u>3</u>	___84.121	Chemistry I	3
		14	___84.123	Chemistry I Lab	<u>1</u>
					17
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 EE Lab I	2	___16.208	Basic EE Lab II	2
___16.216	ECE Applications	3	___92.236	Eng. Differential Equations	3
___92.231	Calculus III	4	___16.265	Logic Design	3
___ . . .	(Gen. Ed.) Elective * (AH)	<u>3</u>	___49.20X	Economics 1 or II (Gen Ed. SS)	3
		15	___ . . .	(Gen. Ed.) Elective * (SS)	<u>3</u>
					17
Junior Year/Fall Semester		Cr.	Junior Year/Spring Semester		Cr.
___16.311	Electronics I Lab	2	___16.312	Electronics II Lab	2
___16.333	Materials Chemistry	3	___16.317	Micropro System Design	3
___16.362	Signals & Systems I	3	___16.360	Emag. Theory I	3
___16.364	Engineering Math	3	___16.363	Intro. Prob. & Random Proc.	3
___16.365	Electronics I	3	___16.366	Electronics II	<u>3</u>
___45.334	(Gen Ed) Engineering Ethics (AH)	<u>3</u>			14
		17			
Senior Year/Fall Semester		Cr.	Senior Year/Spring Semester		Cr.
___16.399	Capstone Proposal	3	___16.413	Linear Feedback	3
___16.461	Emag. Theory II	3	___16.499	Capstone Project	3
___16.355	Electromechanics	3	___16.____	Technical Elective**	3
___16.400	Engineering Topics	1	___16.____	Technical Elective**	3
___16.____	Technical Elective **	3	___ . . .	(Gen. Ed.) Elective * (SS)	<u>3</u>
___ . . .	(Gen. Ed.) Elective * (AH)	<u>3</u>			15
		16			

Total minimum credits = 125

* Consult the *Schedule of Classes* booklet regarding the General Education requirements.

** Technical Electives should contribute to the required total number of Engineering Topics credits.