

2008 and Later Catalog Rights Curriculum Pattern					
First Semester Courses:			Second Semester Courses:		
FRESHMAN					
Chem 1A	General Chemistry	5	Math 31	Calculus II	4
Math 30	Calculus I	4	Phys 11A	Mechanics	4
CSs 25	Intro. to C Programming	3		General Education	9
	General Education	6			
SEMESTER UNITS		18	SEMESTER UNITS		17
SOPHMORE					
EEE 064	Intro. to Logic Design	4	Engl 20 [#]	College Composition II	3
Math 32	Calculus III	4	Engr 017	Intro to Circuit Analysis	3
Phys 11C	Gen Phys:Electricity & Magnetism	4	Engr 70	Engineering Mechanics	3
			Math 45	Differential Equations	3
	General Education	3		General Education	6
SEMESTER UNITS		15	SEMESTER UNITS		18
<u>Analog / Digital, BME, Controls</u>					
JUNIOR					
EEE 117	Network Analysis	3	EEE 108	Electronics I	3
EEE 117L	Network Analysis Lab	1	EEE 108L	Electronics I Lab	1
EEE 130	Electromechanical Conver.	3	EEE 174	Intro. to Microprocessors	4
EEE 161	Transmis. Line & Fields	4	EEE 184	Intro. to Feedback Systems	3
EEE 180	Signals and Systems	3	See List	EEE Depth Lecture	3
	General Education	3	See List	EEE Depth Lecture	3
			See LList	EEE Depth Lab	1
SEMESTER UNITS		17	SEMESTER UNITS		18
SENIOR					
EEE 109	Electronics II	4	EEE 193B	Design Project II	2
EEE 185	Modern Communications Systems	3	EEE 166	Physical Electronics	3
EEE 193A	Design Project I	2	Engr 140	Engineering Economics	2
Engr 120	Probabil.& Random Signals	3	See List	EEE Elective	3
See List	EEE Electives	3		General Education	6
SEMESTER UNITS		15	SEMESTER UNITS		16

TOTAL DEGREE UNITS

134

Students should refer to Class Schedules, in conjunction with General Education/Graduation Engineering Worksheet, for approved GE courses.

Communication

JUNIOR					
EEE 117	Network Analysis	3	EEE 108	Electronics I	3
EEE 117L	Network Analysis Lab	1	EEE 108L	Electronics I Lab	1
EEE 130	Electromechanical Conver.	3	EEE 174	Intro. to Microprocessors	4
EEE 161	Transmis. Line & Fields	4	EEE 185	Modern Communications Systems	3
EEE 180	Signals and Systems	3	Engr 120	Probabil.& Random Signals	3
	General Education	3	See List	EEE Depth Lecture	3
			See LList	EEE Depth Lab	1
SEMESTER UNITS		17	SEMESTER UNITS		18
SENIOR					
EEE 109	Electronics II	4	EEE 193B	Design Project II	2
EEE 184	Intro. to Feedback Systems	3	EEE 166	Physical Electronics	3
EEE 193A	Design Project I	2	Engr 140	Engineering Economics	2
See List	EEE Electives	3	See List	EEE Elective	3
See List	EEE Depth Lecture	3		General Education	6
SEMESTER UNITS		15	SEMESTER UNITS		16

Power

JUNIOR					
EEE 117	Network Analysis	3	EEE 108	Electronics I	3
EEE 117L	Network Analysis Lab	1	EEE 108L	Electronics I Lab	1
EEE 130	Electromechanical Conver.	3	EEE 141	Power System Analysis	3
EEE 161	Transmis. Line & Fields	4	EEE 174	Intro. to Microprocessors	4
EEE 180	Signals and Systems	3	EEE 184	Intro. to Feedback Systems	3
	General Education	3	See List	EEE Depth Lecture	3
			See List	EEE Depth Lab	1
SEMESTER UNITS		17	SEMESTER UNITS		18
SENIOR					
EEE 143	Power System Lab	1	EEE 166	Physical Electronics	3
EEE 185	Modern Communications Systems	3	EEE 192B	Elec Power Design Project II	2
EEE 192A	Elec Power Design Project I	2	Engr 140	Engineering Economics	2
Engr 120	Probabil.& Random Signals	3	See List	EEE Elective	3
See List	EEE Electives	3		General Education	6
See List	EEE Depth Lecture	3			
SEMESTER UNITS		15	SEMESTER UNITS		16