

Lower Division Curriculum Pattern					
First Semester Courses:			Second Semester Courses:		
FRESHMAN					
Engr 1 (96A)	Intro. to Engineering	1	Engr 50	Computational Methods & Apps.	3
Math 30	Calculus I	4	Math 31	Calculus II	4
Chem 1E*	General Chemistry for Eng.	4	Phys 11A	Mechanics	4
	General Education			General Education	
* Chem 1A is acceptable for transfer students					
SOPHMORE					
EEE 64	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	Math 45	Differential Equations	3
	General Education			General Education	

Analog / Digital & Controls

First Semester Courses:			Second Semester Courses:		
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 Conversion	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 Electives	3 - 4
	General Education				
SENIOR					
EEE 109	Electronics II	4	EEE 193B	Design Project II	2
EEE 185	Modern Communications Systems	3	Engr 140	Engineering Economics	2
EEE 193A	Design Project I	2	See List	EEE Electives	6 - 7
Engr 120	Probability & Random Signals	3		General Education	
See List	EEE Electives	3			

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

Communication

First Semester Courses:			Second Semester Courses:		
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	Transmission Line & Fields	4	EEE 185	Modern Communications Systems	3
EEE 180	Signals and Systems	3	Engr 120	Probability & Random Signals	3
	General Education			General Education	
SENIOR					
EEE 109	Electronics II	4	EEE 193B	Design Project II	2
EEE 184	Intro. to Feedback Systems	3	Engr 140	Engineering Economics	2
EEE 193A	Design Project I	2	See List	EEE Electives	6 - 7
See List	EEE Electives	6 - 7		General Education	

Power

First Semester Courses:			Second Semester Courses:		
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 184	Intro. to Feedback Systems	3
EEE 180	Signals and Systems	3	See List	EEE Electives	3 - 4
	General Education				
SENIOR					
EEE 143	Power System Lab	1	EEE 192B	Elec Power Design Project II	2
EEE 174	Intro. to Microprocessors	4	Engr 140	Engineering Economics	2
EEE 185	Modern Communications Systems	3	See List	EEE Electives	6 - 7
EEE 192A	Elec Power Design Project I	2		General Education	
Engr 120	Probability & Random Signals	3			
See List	EEE Elective	3			