

**EEE B.S. DEGREE CURRICULUM PATTERN  
192A/B SENIOR DESIGN**

Fall 1997 and Later Catalog Rights Curriculum Pattern - Electrical (EEE 192A/B Design Project)					
First Semester Courses:			Second Semester Courses:		
<b>FRESHMAN</b>					
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			
<b>SEMESTER UNITS</b>		<b>18</b>	<b>SEMESTER UNITS</b>		<b>17</b>
<b>SOPHMORE</b>					
Math 32	Calculus III	4	Math 45	Differential Equations	3
Engr 70	Statics & Dynamics	3	Engr 017	Intro to Circuit Analysis	3
Phys 11C	Electricity & Magnetism	4	Engl 20 <sup>#</sup>	Expository Writing	3
EEE 064	Intro. to Logic Design	4		General Education	6
	General Education	3			
<b>SEMESTER UNITS</b>		<b>18</b>	<b>SEMESTER UNITS</b>		<b>15</b>
<b>JUNIOR</b>					
EEE 117	Network Analysis	3	EEE 108	Electronics I	3
EEE 117L	Network Analysis Lab	1	EEE 108L	Electronics I Lab	1
EEE 161	Transmis. Line & Fields	4	EEE 130	Electromechanical Conver.	3
EEE 166	Physical Electronics	3	EEE 141	Power System Analysis	3
EEE 174	Intro. to Microprocessors	4	EEE 180	Signals and Systems	3
Engr 140	Engineering Economics	2	Engr 120	Probabil.& Random Signals	3
<b>SEMESTER UNITS</b>		<b>17</b>	<b>SEMESTER UNITS</b>		<b>16</b>
<b>SENIOR</b>					
EEE 143	Power System Lab	1	EEE 192B	Design Project II	2
EEE 184	Intro. to Feedback Systems	3	See List	EEE Electives	6
EEE 185	Modern Communications	3	See List	EEE Depth	3
EEE 192A	Design Project I	2		General Education	6
See List	EEE Depth	4			
	General Education	3			
<b>SEMESTER UNITS</b>		<b>16</b>	<b>SEMESTER UNITS</b>		<b>17</b>
<b>TOTAL DEGREE UNITS = 134.</b> Students should refer to Class Schedules, in conjunction with General Education/Graduation Engineering Worksheet, for approved GE courses. *****					
<sup>#</sup> If for any reason you do not take English 20, you must take Engr 124, Thermodynamics. *****					
Students eligible for catalog rights prior to fall 1997, must consult with the EEE Department Chair. Catalog rights are explained in the Admission/Transfer Student section of the CSUS Catalog at <a href="http://www.csus.edu/catalog/cat98/">http://www.csus.edu/catalog/cat98/</a> .					