

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Electrical Engineering Program Courses/Design Units

Required Courses		
<u>Course</u>	<u>Units</u>	<u>Design Units</u>
CE 240	3	0.5
Chem 101/L	5	
ECE 101	1	0.5
ECE 101L	1	
ECE 206	2	0.5
ECE 206L	1	
ECE 240	3	0.25
ECE 240L	1	0.25
ECE 320/L	3, 1	1
ECE 340/L	3, 1	2
ECE 350	3	0.5
ECE 351	3	1
ECE 370	3	1
ECE 450	3	0.5
ECE 455	3	0.5
ECE 480	3	0.75
ECE 492	2	1
ECE 493	1	1
Math 150A	5	
Math 150B	5	
Math 250	3	
Math 280 or ECE 280	3	
ECE 309 or ME 309	2	0.5
ME 370 or ME 375	3	0.5
MSE 227	3	
MSE 304	3	0.5
Phys 220A	3	
Phys 220AL	1	
Phys 220B	3	
Phys 220BL	1	
Subtotal of Upper Division Required Units = <u>37</u>		Subtotal of Required Design Units = <u>12.75</u>

- 1) Students must receive a grade of "C-" or better for all courses in the major. A grade of "C" or better is required in Math 150A, Math 150B and Math 250 to meet the mathematics prerequisite requirement.
- 2) ECE 492 & ECE 493 must be taken in residence.

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Senior Elective Courses		
<u>Course</u>	<u>Units</u>	<u>Design Units</u>
ECE 370L	1	0.5
ECE 410/L	3, 1	1.5
ECE 411	3	1
ECE 412	3	1
ECE 420	3	1.5
ECE 422	3	1.5
ECE 425/L	3, 1	2.5
ECE 440/L	3, 1	2.5
ECE 442/L	3, 1	2.5
ECE 443/L	3, 1	2.5
ECE 445	3	0.5
ECE 451/L	2, 1	2
ECE 460/L	3, 1	1
ECE 480L	1	0.75
ECE 501	3	1.5
ECE 503	3	1.5
ECE 520/L	3, 1	2.5
ECE 524/L	3, 1	2
ECE 526/L	3, 1	2
ECE 527/L	3, 1	2.5
ECE 545	3	0.5
ECE 546	3	1.5
ECE 561/L	3, 1	1
ECE 562	3	0.5
ECE 571	3	1
ECE 572/L	3, 1	1.5
ECE 578	3	0.25
ECE 580	3	1.5
ECE 581	3	1

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