

Revised January 26, 1998

**ELECTRICAL ENGINEERING CURRICULUM  
1999-2000**

4/20/99

**Freshman Year**

3	ENGL	1013	Composition	3	ENGL	1023	Technical Composition
4	MATH	2554	Calculus I	4	MATH	2564	Calculus II
1	ELEG	1001	Intro to Electrical Engineering	3	CHEM	1123	University Chemistry II
3	CSEG	1913	Intro to Computers	1	CHEM	1121L	University Chemistry Lab II
3	PHYS	2053	University Physics I	3	PHYS	2073	University Physics II
1	PHYS	2051L	University Physics Lab I	1	PHYS	2071L	University Physics Lab II
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15	semester hours			15	semester hours		

**Sophomore Year**

3	ELEG	2103	Electric Circuits I	3	ELEG	2113	Electric Circuits II
1	ELEG	2101L	Electric Circuits I Lab	1	ELEG	2111L	Electric Circuits II Lab
4	MATH	2574	Calculus III	3	ELEG	2903	Digital Systems
3	CSEG	2723	Software Engineering	1	ELEG	2901L	Digital Systems Lab
3	MEEG	2023	Introductory Mechanics	4	MATH	3404	Differential Equations
3	History/Government Requirement			3	INEG	3313	Engineering Statistics OR
					STAT	3013	Intro to Probability & Statistics
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17	semester hours			15	semester hours		

**Junior Year**

3	ELEG	3123	Analog Signal Processing	3	ELEG	3133	Digital Signal Processing
1	ELEG	3121L	Analog Signal Processing	1	ELEG	3131L	Digital Signal Processing Lab
3	ELEG	3213	Electronics I	3	ELEG	3223	Electronics II
1	ELEG	3211L	Electronics I Lab	1	ELEG	3221L	Electronics II Lab
3	ELEG	3703	Electromagnetics	3	ELEG	3303	Energy Conversion
3	ELEG	3923	Microprocessor System Design	1	ELEG	3301L	Energy Conversion Lab
1	ELEG	3921L	Microprocessor Sys. Des. Lab	3	Humanities-Social Science Elective		
3	PHIL	3103	Ethics & the Professions	0	ENGL	2003	Advanced Composition
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18	semester hours			15	semester hours		

**Senior Year**

3	ELEG	4133	Stochastic Signal Processing	2	ELEG	4062L	Elect. Engr. Design Lab
3	Electrical Engineering Technical Elective			6	Electrical Engineering Technical Elective		
3	Technical Elective			3	Technical Elective		
3	Math/Science Elective			3	Upper-level Humanities-Social Science Elective		
3	Humanities-Social Science Elective			3	Humanities-Social Science Elective		
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15	semester hours			17	semester hours		

**TOTAL: 127 semester hours**