

## ELECTRICAL ENGINEERING CURRICULUM 2001-2002

### Freshman Year

1 ELEG 1001 Intro to Electrical Engineering 3 ENGL 1013 Composition 4 MATH 2554 Calculus I 3 PHYS 2053 University Physics I 1 PHYS 2051L University Physics Lab I 3 History/Government Requirement	1 ELEG 1011 Engineering Success and Ethics 3 ENGL 1023 Technical Composition 4 MATH 2564 Calculus II 3 CHEM 1123 University Chemistry II 1 CHEM 1121L University Chemistry Lab II 3 PHYS 2073 University Physics II 1 PHYS 2071L University Physics Lab II
15 semester hours	16 semester hours

### Sophomore Year

3 CENG 1113 Introduction to Computers 1 CENG 1111L Intro to Computers Lab 3 ELEG 2103 Electric Circuits I 1 ELEG 2101L Electric Circuits I Lab 4 MATH 2574 Calculus III 3 Humanities-Social Science Elective 0 ENGL 2003 Advanced Composition	3 CENG 1123 Introduction to Programming 1 CENG 1121L Intro to Programming Lab 3 ELEG 2113 Electric Circuits II 1 ELEG 2111L Electric Circuits II Lab 3 ELEG 2903 Digital Systems 1 ELEG 2901L Digital Systems Lab 4 MATH 3404 Differential Equations
15 semester hours	16 semester hours

### Junior Year

3 ELEG 3123 Analog Signal Processing 1 ELEG 3121L Analog Signal Processing Lab 3 ELEG 3213 Electronics I 1 ELEG 3211L Electronics I Lab 3 ELEG 3703 Electromagnetics 3 ELEG 3923 Microprocessor System Design 1 ELEG 3921L Microprocessor Sys. Des. Lab 3 MEEG 2023 Introductory Mechanics	3 ELEG 3133 Digital Signal Processing 1 ELEG 3131L Digital Signal Processing Lab 3 ELEG 3223 Electronics II 1 ELEG 3221L Electronics II Lab 3 ELEG 3303 Energy Conversion 1 ELEG 3301L Energy Conversion Lab 3 ELEG 4133 Stochastic Signal Processing 3 Humanities-Social Science Elective
18 semester hours	18 semester hours

### Senior Year

3 Electrical Engineering Technical Elective 3 Technical Elective 3 Math/Science Elective 3 Humanities-Social Science Elective 3 Upper-level Humanities-Social Science Elective	2 ELEG 4062L Elect. Engr. Design Lab 6 Electrical Engineering Technical Elective 3 Technical Elective 3 Upper-level Humanities-Social Science Elective
15 semester hours	14 semester hours

**TOTAL: 127 semester hours**