

Bachelor of Science in Engineering Technology: Major in Electrical Engineering Technology

Sample Four-Year Schedule

FRESHMAN YEAR

FALL

CHEM 1410 or 1415, Chemistry	3
CHEM 1430 or 1435, Chemistry Lab	1
English Composition course	3
MATH 1710, Calculus I	4
PSCI 1040, American Government	3
HIST 2610, U.S. History to 1865	<u>3</u>
Total Hours	17

SPRING

PSCI 1050, American Government	3
TECM 2700, Technical Writing	3
ENGR 1030, Technological Systems	3
HIST 2620, U.S. History since 1865	3
MATH 1720, Calculus II	3
Social & Behavioral Science course	<u>3</u>
Total Hours	18

SOPHOMORE YEAR

FALL

ENGR 2405, Circuits Analysis	3
ENGR 2415, Circuits Analysis Lab	1
ENGR 2720, Digital Logic	3
ENGR 2730, Digital Logic Lab	1
ENGR 1060, Communication & Ethics	3
PHYS 1710, Mechanics	3
PHYS 1730, Mechanics Lab	<u>1</u>
Total Hours	15

SPRING

Technical Elective	3
ENGR 2750, Intro to Microprocessors	4
PHYS 2220, Electricity & Magnetism	3
PHYS 2240, Electricity & Magnetism Lab	1
Humanities course	<u>3</u>
Total Hours	14

JUNIOR YEAR

FALL

ELET 3700, Circuit Analysis	4
ELET 3720, Electronics I	4
ELET 3750, Digital Systems	4
Technical Elective	<u>3</u>
Total Hours	15

SPRING

ELET 3740, Electronics II	4
ELET 3760, Design of DSP Systems	4
Visual & Performing Arts course	3
Technical Elective	<u>3</u>
Total Hours	14

SENIOR YEAR

FALL

ELET 4720, Control Systems	4
ELET 4710, High Frequency Systems I	4
ELET 4730, Analog Mixed Signal Electronics	4
ELET 4780, Senior Design	1
Technical Elective	<u>3</u>
Total Hours	16

SPRING

ELET 4770, High Frequency Systems II	4
ELET 4790, Senior Design II	3
MFET 4190, Quality Assurance	3
Advanced Level Technical Elective	3
Elective (see advisor)	<u>2</u>
Total Hours	15

PLEASE NOTE:

This is an unofficial sample schedule.

Students should meet with their advisor each semester for individual scheduling, program decisions, etc. Engineering admissions requirements must be met & a degree audit must be created in order to transition from pre-engineering to full major to progress in the program.