
BS in Engineering Technology

Following is one suggested four-year degree plan. Students are encouraged to see their adviser each semester for help with program decisions and enrollment. Students are responsible for meeting all course prerequisites.

**See the University Core requirements section of this catalog for approved list of course options.*

*** See Arts and Sciences Core requirements section of this catalog for approved list of course options.*

BS in Engineering Technology

Concentration in Electronics Engineering Technology

FRESHMAN YEAR

FALL	HOURS
ELET 1700, Circuit Analysis	4
ENGL 1310, College Writing I*	3
MATH 1650, Pre-Calculus	5
PSCI 1040, American Government*	3
Wellness*	<u>3</u>
Total	18

FRESHMAN YEAR

SPRING	HOURS
CSCI 1110, Program Development	4
ELET 1710, Circuit Analysis II	4
ELET 1720, Electronics I	4
MATH 1710, Calculus I	4
Literature**	<u>3</u>
Total	19

SOPHOMORE YEAR

FALL	HOURS
CHEM 1410, General Chemistry	3
CHEM 1430, General Chemistry Laboratory	1
ELET 2720, Digital Logic	4
ELET 2740, Electronics II	3
MATH 1720, Calculus II	3
Humanities*	<u>3</u>
Total	17

SOPHOMORE YEAR

SPRING	HOURS
ELET 2750, Introduction to Microprocessors	4
ENGL 2700, Technical Writing*	3
HIST 2610, United States History to 1865*	3
PHYS 1710, Mechanics	3
PHYS 1730, Laboratory in Mechanics	1
PSCI 1050, American Government*	<u>3</u>
Total	17

JUNIOR YEAR

FALL	HOURS
ELET 3700, Circuit Analysis III	3
ELET 3750, Digital Systems	4
ENGR 2220, Statics	3
HIST 2620, United States History Since 1865*	3
PHYS 2220, Electricity and Magnetism	3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	<u>1</u>
Total	17

JUNIOR YEAR

SPRING	HOURS
GNET 2060, Professional Presentations	3
ELET 3760, Design of DSA Systems	2
ELET 3770, High Frequency Systems I	4
ELET 4720, Control Systems	4
Technical Option (advanced)	<u>4</u>
Total	17

SENIOR YEAR

FALL	HOURS
ELET 4770, High Frequency Systems II	4
GNET 1030, Technological Systems	3
MEET 3660, Applications in Thermal Sciences	3
Elective (advanced)	2
Technical Option (advanced)	<u>4</u>
Total	16

SENIOR YEAR

SPRING	HOURS
ELET 4790, Senior Design	2
MFET 4190, Quality Assurance	3
Cross-cultural, Diversity and Global Studies*	3
Visual and Performing Arts*	3
Technical Option (advanced)	<u>3</u>
Total	14

*Actual degree plans may vary depending on availability of courses in a given semester.
Some courses may require prerequisites not listed.*
