

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. Some requirements may have changed because the University Core Curriculum was being revised at the time this catalog went to press. Contact a degree program adviser.

BS in Engineering Technology

Concentration in Manufacturing Engineering Technology

FRESHMAN YEAR

FALL	HOURS
CHEM 1420, General Chemistry	3
CHEM 1440, General Chemistry Laboratory	1
ENGL 1310, College Writing I	3
ENGR 1280, Engineering Graphics	4
MATH 1650, Pre-Calculus ⁴	<u>5</u>
Total	16

FRESHMAN YEAR

SPRING	HOURS
ECON 1110, Principles of Macroeconomics	3
ENGL 2700, Technical Writing	3
MATH 1710, Calculus I	4
MFET 1220, Manufacturing Processes and Materials ³⁵	3
PHYS 1710, Mechanics	3
PHYS 1730, Laboratory in Mechanics	<u>1</u>
Total	18

SOPHOMORE YEAR

FALL	HOURS
COMM 2040, Public Speaking	3
CSCI 1110, Introduction to Computer Science	4
ENGL 2210, World Literature I	3
ENGR 2220, Statics	3
MATH 1720, Calculus II	3
MFET 2110, Machining Principles and Processes	<u>4</u>
Total	19

SOPHOMORE YEAR

SPRING	HOURS
ENGL 2220, World Literature II	3
MEET 2940, Fluid Power Applications	2
MFET 2450, Engineering Materials	3
PHYS 2220, Electricity and Magnetism	3
PHYS 2240, Laboratory in Wave Motion, Electricity, Magnetism and Optics	1
Wellness ¹¹	<u>3</u>
Total	15

JUNIOR YEAR

FALL	HOURS
ENGR 3260, Mechanics of Materials	3
ENGR 3960, Electrical Circuit Analysis	4
HIST 2610, United States History to 1865 ¹²	3
MEET 3660, Thermal Sciences Applications	3
MSCI 3700, Statistical Analysis I	<u>3</u>
Total	16

JUNIOR YEAR

SPRING	HOURS
ELET 3970, Electronic Devices and Controls	3
GNET 1030, Technological Systems ¹⁴	3
HIST 2620, United States History Since 1865 ¹²	3
MEET 3650, Design of Mechanical Components	3
MFET 4190, Quality Assurance	3
MFET 4210, CAD/CAM System Operations	<u>3</u>
Total	18

SENIOR YEAR

FALL	HOURS
MFET 3520, Soldering, Brazing and Adhesive Bonding	3
MFET 4200, Engineering Cost Analysis	2
MFET 4230, CNC Programs and Operation	4
MGMT 3830, Operations Management	3
PSCI 1040, American Government	<u>3</u>
Total	15

SENIOR YEAR

SPRING	HOURS
MFET 3250, Plastics Materials and Processes	3
MFET 4250, Senior Manufacturing Design	2
PSCI 1050, American Government	3
Technical Option	3
Understanding of Ideas and Values ¹⁹	3
Visual and Performing Arts ⁷	<u>3</u>
Total	17

Actual degree plans may vary depending on availability of courses in a given semester.

Some courses may require prerequisites not listed.

See Arts and Sciences notes in supplement booklet for footnotes.