
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.*

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
MATH 1650, Pre-Calculus ⁴	5
MEET 1280, Engineering Graphics	<u>4</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
MATH 1720, Calculus II	3
MFET 2110, Machining Principles and Processes	<u>4</u>
Total	16

JUNIOR YEAR

FALL	HOURS
ELET 3960, Network Analysis	3
HIST 2610, United States History to 1865 ¹²	3
MFET 3240, Statics and Strength of Materials	4
MFET 3940, Fluid Mechanics Applications	3
MSCI 3700, Statistical Analysis I	<u>3</u>
Total	16

SENIOR YEAR

FALL	HOURS
MEET 4350, Heat Transfer Applications	3
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	18

SOPHOMORE YEAR

SPRING	HOURS
ENGL 2220, World Literature II	3
MEET 2330, Computer-Aided Design	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>2-3</u>
Total	17-18

JUNIOR YEAR

SPRING	HOURS
ELET 3970, Electronic Devices and Controls	4
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	19

SENIOR YEAR

SPRING	HOURS
MFET 3250, Plastics Materials and Processes	3
MFET 4250, Senior Manufacturing Design	2
PSCI 1050, American Government Technical Option ¹⁶	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.