

# Bachelor of Science in Engineering Technology: Major in Mechanical 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
ENGR 1304, Engineering Graphics	3
PSCI 1040, American Government	<u>3</u>
Total Hours	17

#### SPRING

TECM 2700, Technical Writing	3
MATH 1720, Calculus II	3
PSCI 1050, American Government	3
PHYS 1710, Mechanics	3
PHYS 1730, Mechanics Lab	1
ENGR 1030, Technological Systems	<u>3</u>
Total Hours	16

### SOPHOMORE YEAR

#### FALL

CSCE 1020, Program Development	4
HIST 2610, U.S. History to 1865	3
ENGR 2301, Statics	3
ENGR 2405, Circuit Analysis	3
ENGR 2415, Circuit Analysis Lab	1
ENGR 1060, Communications & Ethics	<u>3</u>
Total Hours	17

#### SPRING

ENGR 2332, Mechanics of Materials	4
ENGR 2302, Dynamics	3
PHYS 2220, Electricity & Magnetism	3
PHYS 2240, Electricity & Magnetism Lab	1
HIST 2620, U.S. History from 1865	3
Social & Behavioral Science course	<u>3</u>
Total Hours	17

### JUNIOR YEAR

#### FALL

ENGR 3450, Engineering Materials	3
MEET 3940, Fluid Mechanics Application	3
MFET 3110, Mach Principles & Processes	4
ENGR 3451, Engineering Materials Lab	1
MEET 3990, Applied Thermodynamics	<u>3</u>
Total Hours	14

#### SPRING

ELET 3980, Digital Controls	3
MEET 3650, Design of Mech Components	3
MFET 4190, Quality Assurance	3
MFET 4210, CAD/CAM System Operations	3
Humanities core	<u>3</u>
Total Hours	15

### SENIOR YEAR

#### FALL

MEET 4050, Mechanical Design	3
MEET 4350, Heat Transfer Applications	3
MFET 4200, Engineering Costs Analysis	2
Technical Elective	3
Visual & Performing Arts course	3
MEET 4780, Senior Design I	<u>1</u>
Total Hours	15

#### SPRING

MEET 4790, Senior Design II	3
MEET 4360, Experimental Thermal Sciences	2
LSCM 3960, Logistics	3
Advanced Technical Elective	3
Advanced Technical Elective	<u>3</u>
Total Hours	14

### 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.