

# Mechanical Engineering Technology

## Typical Four-Year Plan

### Freshman Year

#### *First Semester*

GENT	1223	Manufacturing Processes
MATH	1513	College Algebra
ENGL	1113	Freshman Composition
(S)	xxx3	Social Science
GENT	<u>1153</u>	Engineering Graphics
	15	

#### *Second Semester*

CHEM	1215	General Chemistry
MATH	1613	Trigonometry
(H)	xxx3	Humanities
HIST	1103	American History
MET	<u>1223</u>	Industrial CAD
	17	

### Sophomore Year

#### *First Semester*

MET	2103	Industrial Materials
MATH	2123	Calculus for Technology Programs I
PHYS	1114	Physics I
POLS	1113	American Government
EET	<u>1003</u>	Computer Programming
	16	

#### *Second Semester*

Elect.	xxx2	Lower Division Controlled Elective
MATH	2133	Calculus for Technology Programs II
GENT	2323	Statics
PHYS	1214	Physics II
MET	<u>2313</u>	Hydraulic Fluid Power
	15	

### Junior Year

#### *First Semester*

GENT	3433	Thermodynamics
MET	3313	Applied Fluid Mechanics
(H)	xxx3	Humanities
MET	3003	Dynamics
GENT	<u>3323</u>	Strength of Materials
	15	

#### *Second Semester*

GENT	4433	Heat Transfer
SPCH	2713	Intro Speech Communication
MET	3343	Physical Metallurgy
EET	3104	Elements of Electricity and Electronics
(S)	<u>xxx3</u>	Social Science
	16	

### Senior Year

#### *First Semester*

MET	4463	Thermal Fluids Lab
ENGL	3323	Technical Writing
MET	xxx3	Related Specialty
MET	4003	Machine Design I
MET	<u>3113</u>	Basic Instrumentation
	15	

#### *Second Semester*

MET	xxx3	Related Specialty
IEM	3513	Economic Decision Analysis
Elect.	xxx3	Upper Division Controlled Elective
MET	4123	Senior Design Project
MET	<u>xxx3</u>	Related Specialty
	15	