

The MET program emphasizes courses in computer-aided drafting (CAD), computer-aided engineering analysis and design, computer-aided manufacturing (CAM), computer numerical control programming (CNC), and engineering mechanics. Graduates work as Engineering Technicians within manufacturing-related areas such as testing, analysis, design and development of products. Graduates may also continue their education towards a Bachelor of Applied Science degree in an engineering field.

## RECOMMENDED TWO-YEAR PLAN

### First Year

<i>First Semester • 15 Credit Hours</i>	<i>Second Semester • 16 Credit Hours</i>
<b>ENG 111</b> English Composition (3)	<b>ENT 152</b> Computer-Aided Manufacturing I (3)
<b>ENT 135</b> Computer-Aided Drafting (3)	<b>ENT 271</b> Mechanics I: Statics (3)
<b>ENT 137</b> Intro to Engineering Tech (1)	<b>PHY 161</b> Physics for Life Science I (4)
<b>ENT 151</b> Engineering Materials (3)	<b>CSE 163</b> Intro to Computer Programming (3) or <b>CSE 153</b> Intro to C/C++ Programming (3)
<b>MTH 125</b> Precalculus (5)*	<b>MPF III</b> Global Perspectives (3)

### Second Year

<i>First Semester • 17 Credit Hours</i>	<i>Second Semester • 15 Credit Hours</i>
<b>ENT 235</b> Computer-Aided Design (3)	<b>ENT 192</b> Circuit Analysis I (3)
<b>ENT 252</b> Computer-Aided Manufacturing II (3)	<b>ENT 278</b> Mechanics III: Analysis of Machine Components (3)
<b>ENT 272</b> Mechanics II: Strength of Materials (3)	<b>ECO 201</b> Principles of Microeconomics (3) or <b>ECO 202</b> Principles of Macroeconomics (3)
<b>MTH 151</b> Calculus I (5)*	<b>EGS 215</b> Workplace Writing (3) or <b>ENG 313</b> Technical Writing (3)
<b>PHY 162</b> Physics for Life Science II (4)	<b>STC 135</b> Principles of Public Speaking (3) or <b>STC 136</b> Intro to Interpersonal Communication (3)

*Please note this is a guideline only; your degree audit is the official program record.*

*\* Depending on math placement scores.*

## CONTACT INFORMATION

### Department of Engineering Technology

513-785-1804

ENT@miamiOH.edu

MiamiOH.edu/Regionals/ent/

### Office of Advising

513-727-3440

regadvising@MiamiOH.edu

MiamiOH.edu/Regionals/Advising