

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

First Semester • 16 Credit Hours

ENG 111 English Composition (3)

ENT 135 Computer-Aided Drafting (3)

ENT 137 Intro to Engineering Tech (1)

ENT 151 Engineering Materials (3)

MTH 124 Trigonometry (3)*

ELECTIVE Elective (3)

Second Semester • 16 Credit Hours

ENT 152 Computer-Aided Manufacturing I (3)

ENT 271 Mechanics I: Statics (3)

PHY 161 Physics for Life Science I (4)

CSE 163 Intro to Computer Programming (3) or **CSE 153** Intro to C/C++ Programming (3)

STC 135 Principles of Public Speaking (3) or **STC 136** Intro to Interpersonal Communication (3)

Second Year

First Semester • 17 Credit Hours

ENT 235 Computer-Aided Design (3)

ENT 252 Computer-Aided Manufacturing II (3)

ENT 272 Mechanics II: Strength of Materials (3)

MTH 151 Calculus I (4)*

PHY 162 Physics for Life Science II (4)

Second Semester • 15 Credit Hours

ENT 192 Circuit Analysis I (3)

ENT 278 Mechanics III: Analysis of Machine Components (3)

ECO 201 Principles of Microeconomics (3) or **ECO 202** Principles of Macroeconomics (3)

EGS 215 Workplace Writing (3) or **ENG 313** Technical Writing (3)

ELECTIVE Elective (3)

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

** Depending on math placement scores.*

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