Recommended course rotation:

**Freshman Year**

1st Semester (Fall)  
16 hours
- ENG 1010  
  Composing Arguments
- MET 1200  
  Technical Drawing I
- MTH 1400*  
  Precalculus
- MET 1000  
  Intro to Mechanical Engineering Technology
- MET 1010  
  Manufacturing Processes

2nd Semester (Spring)  
17 hours
- SPE 1010  
  Public Speaking
- MET 1210  
  3D Modeling
- CHE 1800  
  General Chemistry I
- MET 1310  
  Principles of Quality Assurance
- MTH 1410  
  Calculus I

**Sophomore Year**

3rd Semester (Fall)  
18 hours
- ENG 1020  
  Freshman Composition
- MET 2000  
  Materials of Engineering
- EET 2350  
  Adv. Technical Programming
- PHY 2311  
  General Physics I
- PHY 2321  
  General Physics I-Lab

4th Semester (Spring)  
17 hours
- COM 2610  
  Intro to Technical Writing
- MET 2200  
  Materials of Engineering
- ECO 2020  
  Principles of Microeconomics
- PHY 2331  
  General Physics II
- PHY 2341  
  General Physics II-Lab
- CET 2150  
  Mechanics I: Statics

* Students placing directly in to MTH 1410 in the first semester may replace these credits with MTH 2420 in the third semester.
Manufacturing Concentration

Junior Year
- 5th Semester (Fall): 16 hours
  - CET 3135: Mechanics of Materials w/ Lab
- 6th Semester (Spring): 13 hours
  - MET 3100: N/C Computer Programming
  - MET 3185: Fluid Mechanics
  - MET 3410: Geometric Dimensioning & Tolerance
  - EET 3010: Industrial Electronics
  - EET 3730: Process Control Systems
  - EET 3740: Programmable Logic Controllers

Senior Year
- 7th Semester (Fall): 17 hours
  - MET 3000: Manufacturing Analysis
  - MET 3250: Tool Design & Production Tooling
  - MET 3330: Robotics for Manufacturing
  - MET 4000: Project Engineering
  - MET 4100: Senior Project I

General Studies
- Arts & Humanities

Mechanical Concentration

Junior Year
- 5th Semester (Fall): 16 hours
  - CET 3135: Mechanics of Materials w/ Lab
- 6th Semester (Spring): 13 hours
  - MET 3110: Thermodynamics
  - MET 3160: Mechanics II: Dynamics
  - EET 2000: Electric Circuits & Machines
  - MET 3185: Fluid Mechanics
  - EET 3010: Industrial Electronics
  - EET 3730: Process Control Systems
  - EET 3740: Programmable Logic Controllers

Senior Year
- 7th Semester (Fall): 17 hours
  - MET 3070: Machine Design
  - MET 3125: Heat Transfer w/ Lab
  - MET 4000: Project Engineering
  - MET 4100: Senior Project I

General Studies
- Arts & Humanities

Approved technical elective

General Studies
- Social & Behavioral Science