

# Manufacturing Engineering Technology

Bachelor's degree students are subject to Vermont Tech's minimum degree requirements. The minimum degree requirements for the Bachelor of Science in Manufacturing Engineering Technology are:

- 6 credits of college English
- 12 credits of mathematics, including [MAT 1520](#) and [MAT 2021](#)
- 12 credits of lab-based science, including [PHY 1041](#) and [PHY 1042](#)
- 12 credits of arts, humanities, and social sciences
- 12 credits of business and management (6 credits minimum at the 3000+ level)
- 120 total credits
- 24 credits of engineering, science, or management courses (12 credits minimum at the 2000+ level)
- 40 credits of manufacturing core courses including or equivalent to:
  - [MEC 1010](#) Introduction to Mechanical Engineering Technology
  - [MEC 1011](#) Design Communication I
  - [MEC 1020](#) Manufacturing Processes
  - [MEC 1040](#) Introduction to Materials Science & Engineering
  - [MEC 1060](#) Metrology & Inspection Techniques
  - [MEC 2040](#) Computer-Aided Technology
  - [MEC 3021](#) Manufacturing Processes II
  - [MEC 3031](#) Materials Processes
  - [MEC 3041](#) Advanced CNC
  - [MEC 3120](#) Advanced Manufacturing & Automation
  - [MEC 3121](#) Additive Manufacturing
  - [MEC 4010](#) Lean Manufacturing
  - [MEC 4020](#) Quality Assurance
  - [MEC 4220](#) Product Design & Production
  - [MEC 4721](#) Manufacturing Capstone Project