

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Mechanical Engineering Technology

Program Code: TMET, Academic Year 2025-2026

Minimum credits required for the degree: 126

#### Major Requirements: 65 credits

- EC 3400 (3)
- EET 1121 (3)
- EET1122 (1)
- EET 2233 (4)
- EET 3131 (3)
- ENG 1101 (3)
  - or ENG 1101T (3) and UN 2013 (1)
- HU 3120 (3)
- MET 2110 (3)
- MET 2130 (4)
- MET 2150 (4)
- MET 2153 (2)
- MET 2400 (3)
- MET 3242 (3)
- MET 3400 (3)
- MET 3451 (3)
- MET 3500 (4)
- MET 3700 (3)
- MET 4210 (3)
- MET 4300 (3)
- MET 4360 (1)
- MET 4460 (2)
- MET 4999 (1)
- MSE 2100 (3)

#### Math and Science Requirements: 27 credits

- CH 1150 (3)
- CH 1151 (1)
- MA 1032 (4)
- MA 1160 (4) or MA 1161 (5)
- MA 2160 (4)
- MA 2720 (4) or MA 3710 (3)
- PH 1140 (3)
- PH 1141 (1) or PH 1111 (1)
- PH 1200 (1)
- PH 1240 (3)

#### Choose one of the following options: 4 credits

##### Option 1

- MET 4575 (2)
- MET 4675 (2)

##### Option 2

- ENT 4950 (2)
- ENT 4960 (2)

#### Technical Electives: 7 to 9 credits

Students may need to take 9 credits of technical electives depending upon how many math credits are completed. Select credits from the following list, or others as approved by the department:

- EET 3373 (3)
- EET 4311 (3)
- ENT XXXX (1 to 2), except ENT 3959, 3967, 4950, 4960
- MET 4355 (3)
- MET 4377 (3)
- MET 4378 (3)
- MET 4390 (3)
- MET 4510 (3)
- MET 4550 (3)
- MET 4585 (3)
- MET 4660 (3)
- MET 4780 (3)
- MET 4800 (3)
- MET 4802 (3)
- MET 4996 (1 to 3)
- MET 4997 (1 to 3)
- MET 4998 (1 to 6)
- MET 1XXE, MET 2XXE, MET 3XXE (1 to 4)
- OSM 4350 (3)
- UN 3002 (1 to 4)

## Essential Education requirements

- Students must complete three main components of Essential Education (First-Year Experience, Distribution or Minor Pathway, and Activities for Well-being and Success) with the credit distributions as shown below. A minimum of 37 credits is required to complete these requirements.
- Up to five Essential Education requirements and the Michigan Tech Seminar may be shared (double-counted) with major requirements. Work with your advisor to determine which major requirements may satisfy Essential Education requirements.
- Some courses are on more than one list, but each course can satisfy only one Essential Education requirement.
- Students may choose between an Essential Education minor or the Distribution Pathway. The list of Essential Education minors can be found [here](#).
- Lists of courses for each requirement can be found on the [Essential Education](#) page.

## First-Year Experience (16 credits)

- Michigan Tech Seminar (1)
- Math (3)
- Natural and Physical Science (3)
- STEM (3)
- Composition (3)
- Foundations of the Human World (3)

## Distribution Pathway (18 credits)

- Communication Intensive (3)
- Intercultural Competency (3)
- Arts and Culture (3)
- STEM (3)
- SHAPE (3)
- Essential Education Experience (3)

## Activities for Well-being and Success (3 credits)

### Free Electives

- Any coursework is allowable, excluding coursework below the 1000-level.
- The number of free elective credits required is dependent on how many additional credits are required beyond Major requirements and Essential Education requirements to reach the total credits required for the degree as indicated on the audit.

## Additional Graduation Requirements

- Satisfy the 2.0 departmental and cumulative Grade Point Average
- Earn 30 upper-level credits at Michigan Tech
- [Apply for Graduation](#)