

## Michigan Technological University Bachelor of Science Degree Audit

### Major Program: Mechanical Engineering Technology

Program Code: TMET, Academic Year 2022-2023

Total credits required for the degree: 128

#### Major Requirements: 64 credits

- EC 3400 (3)
- EET 1411 (4)
- EET 2233 (4)
- EET 3131 (3)
- ENG 1101 (3)
  - or ENG 1001 (2) and ENG 1100 (2)
- HU 3120 (3)
- MET 2110 (3)
- MET 2130 (4)
- MET 2150 (3)
- 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)
- 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)
- ENT XXXX (1 to 2), except ENT3959, 3967, 4950, 4960
- MET 4350 (3)
- 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 4801 (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)
- UN 3002 (1 to 4)

#### Free Electives: 0 credits

Any coursework is allowable, excluding co-curricular and coursework below the 1000- level.

## General Education Core, Humanities, Fine Arts, and Social Science (HASS) Requirements: 24 credits

Courses used to complete Core and HASS requirements may not be used to complete other degree requirements. Students must complete 12 credits of Core coursework and 12 credits of Humanities, Fine Arts, and Social Science (HASS) coursework. Repeatable courses may not be repeated for general education credit. Core and HASS courses can be found on the [General Education](#) page.

### Core: 12 credits

- UN 1015 (3)
- UN 1025 or an upper level modern language (3)
- Critical and Creative Thinking (3)
- Social Responsibility and Ethical Reasoning (3)

### HASS: 12 credits, six of the 12 credits must be at the 3000- or 4000- level

- Communication/Composition (minimum 3 credits)
- Humanities and Fine Arts (minimum 3 credits)
- Social and Behavioral Sciences (minimum 3 credits)
- Any course from the General Education Core, HASS, or Restricted HASS [course list](#) (0 to 3 credits)

### Co-curricular Activities: 3 credits

Required for graduation, but not included in the GPA calculation or in the overall credits required for the degree. Only courses on the co-curricular course list are eligible. Half (0.5) credit courses may be repeated to a maximum of one time for co-curricular credit. Find eligible courses on the [General Education](#) page.