# Electrical Engineering at Michigan Tech

**BS EE**

## Electric Power Engineering Concentration

### 2017-2018 Catalog Term 201708

- **Sem. 1 - Fall**: (calculus-ready students)
  - Optional: Enterprise participation
  - EN1960 (1)

- **Sem. 2 - Spring**
  - MA1160/61 (4/5)
    - Calculus I
  - PH1100 (1)
    - Physics I Lab
  - ENG110(3)
    - Engr. Analysis
  - CH1150/51 (4)
    - & for CH1153 (1) Univ Chem I

- **Sem. 3 - Fall**
  - MA2160 (4)
    - Calculus II
  - PH2100 (3)
    - Physics I
  - EN1110 (1)
    - Essential Math (track A)
  - EE1110 (1)
    - Intro to ECE (Track B)

- **Sem. 4 - Spring**
  - MA2160
    - Multi-Variable Calculus
  - PH2200 (3)
    - Univ. Physics 2

- **Sem. 5 - Fall**
  - *MA2321 (2)
    - Accelerated Linear Alg Track A
  - *MA3521 (2)
    - Accel. Diff. Eq.

- **Sem. 6 - Spring**
  - EE2111 (3)
    - Electric Circuits I
  - CS1111 (3)
    - Intro C/C++ Programming
  - EE1174 (4)
    - Digital Logic & Lab

- **Fall only**
  - EE3120 (3)
    - Electric Energy Systems
  - EE3131 (4)
    - Electronics and Lab

- **Sem. 7 - Fall**
  - EE3160 (3)
    - Signals & Systems
  - EE3180 (3)
    - Intro. Probability & Random Sig. Anal.

- **Sem. 8 - Spring**
  - EE3261 (3)
    - Control Systems
  - EE3171 (4)
    - Microcontroller Apps and Lab

### Electrical Engineering Electives

- EE Electives: Must have pre-reqs complete. Look up pre-reqs and semester offerings. See note below.

### Intentions

- Decide: Enterprise or Senior Design or EPS

### Study Abroad Info

- Attend Feb. Career Fair: Tue 11am or Thur 2pm Admin bldg 200

### Undergraduate advisor

- EERC 131. Call 487-2550 to schedule appt. eceadvise@mtu.edu

### Graduation Checklist

1. Apply to graduate 1 or 2 semesters before your last one. Date: ________
2. FINAL degree audit review: Meet with the advisor at the end of the semester before your last, after scheduling last set of classes and reviewing your degree audit report.
   - Final Audit Date: ____________  Advisor check: ____________

### Recommended HASS: EC3400

- Recommended credits: 16.5
- Recommended HASS: EC3400
- Upper level if needed

### Total 128

- co-curricular activities

### Notes

- Schedule a minimum of 14 credits if taking accelerated Linear Alg/Diff Eq
- See reverse side for planning and General Education info.
- Concurrent prerequisite (a prereq. that can be taken concurrently)
- Undergraduate advisor: EERC 131. Call 487-2550 to schedule appt. eceadvise@mtu.edu