BS EE  Electric Power Engineering Concentration

**Curriculum Map**

- **Sem. 1 - Fall**
  - MA1160/61 (4/5) Calculus I
  - CH1150/51 (4/5) Univ Chem I

- **Sem. 2 - Spring**
  - Calculus-ready students
  - ENT1960(1) Optional: Enterprise participation
  - MA2160 (4) Calculus II
  - EE1111 (1) Essential Math (track A)
  - CS1111 (3) Intro C/C++ Programming
  - MA1160(c) Calculus III

- **Sem. 3 - Fall**
  - MA2321(2) Accelerated Linear Alg Track A
  - EE2111 (3) Electric Circuits I
  - CS1111 (3) Intro C/C++ Programming
  - PH1100 (1) Physics I Lab
  - UN1015 (3) Composition

- **Sem. 4 - Spring**
  - MA3160 (4) Multi-Variable Calculus
  - EE2112 (4) Electric Circuits II & Lab
  - CS1111 (3) Intro C/C++ Programming
  - Physics I Lab

- **Sem. 5 - Fall**
  - MA2321/20MA3521/20
  - CS1111 (3) Intro C/C++ Programming
  - MA3521(2) Accelerated Linear Alg Track A
  - EE3120 (3) Electric Energy Systems
  - EE3160 (3) Signals & Systems
  - EE3140 (3) Electromagnetics
  - EE3180 (3) Intro. Probability & Random Sig. Anal.

- **Sem. 6 - Spring**
  - EE3171 (4) Intro. Comm. Theory
  - EE3171 (4) Microcontroller Apps and Lab

- **Sem. 7 - Fall**
  - MA2321/20MA3521/20
  - CS1111 (3) Intro C/C++ Programming
  - MA3521(2) Accelerated Linear Alg Track A
  - EE3120 (3) Electric Energy Systems
  - EE3160 (3) Signals & Systems
  - EE3140 (3) Electromagnetics

- **Sem. 8 - Spring**
  - MA2321/20MA3521/20
  - CS1111 (3) Intro C/C++ Programming
  - MA3521(2) Accelerated Linear Alg Track A
  - EE3120 (3) Electric Energy Systems
  - EE3160 (3) Signals & Systems
  - EE3140 (3) Electromagnetics

**Total 128**

**Additional Notes**

- *Schedule a minimum of 14 credits if taking accelerated Linear Alg/Diff Eq*
- **Beginning academic year 2019-20, a grade of C or higher in Calc I is required for PH2100 or if CD or D in Calc I, PH2110 is required with PH2100.**
- See reverse side for planning and General Education info.

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

Attend Career Fairs early on:
Semester 5 or 6 is good time to co-op
220 Admin Building

Study Abroad Office
200 Admin Building