Electrical Engineering Technology, B.S., Communications Concentration

This sheet applies to the 2015-2016 catalog only. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors must work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies
- 38 min.

Major courses
- 72

Concentration
- 18

Total to graduate (min. 40 upper division hours)
- 128-135

*TO BE COMPLETED WITHIN FIRST 30-CREDIT HOURS AT MSU DENVER

Written Communication
- ENG 1010 (3 hrs) Composing Arguments*
- OR ENG 1008/1009 (6 hrs) Intro to Composition I and II*
- ENG 1020 (3 hrs) Freshman Comp: Anly, Rsrch, & Documt. (must be completed within 45-credit hours)

Oral Communication*
- SPE 1010 (3 hrs) Public Speaking

Quantitative Literacy*: students must earn a grade of “C” or higher
- MTH 1400 (4 hrs) Pre-Calculus
  (Note: MTH 1110 (4 hrs) College Algebra and MTH 1120 (3 hrs) Trigonometry may substitute for MTH 1400).

Arts & Humanities
- (3 hrs)
  - PHI 1030 (3 hrs) Introduction to Ethics
- OR PHI 3360 (3 hrs) Business Ethics

Historical
- (3 hrs)

Natural & Physical Sciences: Students must earn a grade of “C” or higher
- CHE 1100 (4 hrs) Principles of Chemistry & CHE 1150 (1 hr) Lab
- PHY 2311 (4 hrs) General Physics I and PHY 2321 (1 hr) Lab

Social & Behavioral Science I
- (3 hrs)

Social & Behavioral Science II
- (3 hrs)

Global Diversity
- (3 hrs) may be satisfied within General Studies

MAJOR COURSES: any course used to satisfy a prerequisite for an EET course must be passed with a grade of “C” or better.

- EET 1001 (3 hrs) Electronics: An Introduction
- OR EET 1040 (3 hrs) Introduction to Engineering
- EET 1140 (4 hrs) Circuits I
- EET 1150 (4 hrs) Circuits II
- EET 2145 (3 hrs) Electronics
- EET 2165 (1 hr) Electronics Laboratory
- EET 2310 (3 hrs) Digital Circuits I
- EET 2340 (3 hrs) Technical Programming Applications
- EET 2350 (3 hrs) Advanced Technical Programming
- EET 3110 (4 hrs) Transform Methods in Circuit Analysis
- EET 3120 (4 hrs) Advanced Analog Electronics
- EET 3330 (3 hrs) Digital Circuits II
- EET 3410 (3 hrs) Electric Machines
- EET 3620 (3 hrs) Analog and Digital Communications
- EET 3630 (3 hrs) Electromagnetic Fields
- EET 3715 (4 hrs) Control Systems Analysis
- EET 3730 (2 hrs) Process Control Systems
- EET 3740 (2 hrs) Programmable Logic Controllers
- EET 4100 (1 hr) Senior Project I (Sr. Exp.)
- EET 4110 (2 hrs) Senior Project II (Sr. Exp.)
- EET 4340 (3 hrs) Interface Techniques
- EET 4370 (3 hrs) Microcontrollers
- COM 2610 (3 hrs) Introduction to Technical Writing
- MTH 1410 (4 hrs) Calculus I* (can be satisfied in general studies)
- MTH 2410 (4 hrs) Calculus II

Communication Concentration:
- EET 3670 (3 hrs) __ EET 4320 (3 hrs)
- EET 4020 (3 hrs) __ EET 4620 (3 hrs)

6 additional credit hours chosen from CET 2150, CET 3120, EET 4320, EET 4330, EET 4730, MET 3110, or MET 3125.

**Multicultural Requirement** may be satisfied within General Studies