

Electrical Engineering Technology, B.S., Computer Engineering Technology

303-556-2503 Plaza Building 262
College of Professional Studies

Catalog 15-16

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 |

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

*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 and 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 & 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

Computer Engineering Technology Concentration:

- ___ CS 1050 (4 hrs) ___ EET 4020 (3 hrs)
___ CS 2050 (4 hrs) ___ EET 4330 (3 hrs)
___ 4 additional credit hours of CS Electives

___ **Multicultural Requirement**

(May be satisfied within General Studies)