

Electrical Engineering Technology, B.S., Communications Concentration

303-556-2503

Plaza Building 262

Catalog 15-16

College of Professional Studies

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 & 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