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

303-556-2503 Plaza Building 262

Catalog 12-13

This sheet applies to the 2012-2013 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
Major courses	61
Concentration	18
Additional requirements	11
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 (3hrs) Freshman Comp: the Essay*

OR ENG 1008/1009 (6 hrs.) Freshman Comp: The Essay Part I & II*

___ ENG 1020 (3hrs) Freshman Comp: Anal., Rsrch & Docum. (must be completed within 45-credit hours)

Quantitative Literacy: students must earn a grade of "C" or higher

___ MTH 1410 (4 hrs) Calculus I

or MTH 1400 (4 hrs) Pre-Calculus & MTH 1410 (4 hrs) Calculus I

(**Note**: MTH 1110-4 College Algebra & MTH 1120-3 Trigonometry may substitute for MTH 1400).

Oral Communication

___ SPE 1010 (3 hrs) Public Speaking

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

or CHE 1800-4 & CHE 1810-4 & CHE 1850-2 Lab (may be substituted)

___ PHY 2311 (4 hrs) General Physics I & PHY 2321 (1 hr) Lab

Social & Behavioral Science I

___ IND 2810 (3 hrs) Technology & Design: Global Perspectives (recommended)

Social & Behavioral Science II

___ (3 hrs)

Global Diversity

___ IND 2810 Technology & Design: Global Perspectives (recommended)

REQUIRED TECHNICAL COURSES (CORE): 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**
___ EET 1140 (4 hrs) Circuits I
___ EET 1150 (4 hrs) Circuits II
___ EET 2145 (4 hrs) Electronics
___ 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) Circuit Analysis with Laplace
___ 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 (3 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 (Senior Experience)
___ EET 4110 (2 hrs) Senior Project II (Senior Experience)
___ EET 4340 (3 hrs) Interface Techniques
___ EET 4370 (3 hrs) Microcontrollers

COMPUTER ENGINEERING TECHNOLOGY CONCENTRATION

___ CS 1050 (4 hrs) Computer Science 1
___ CS 2050 (4 hrs) Computer Science 2
___ EET 4020 (3 hrs) Digital Circuits III-Hardware Description Language
___ EET 4330 (3 hrs) Data Communications
___ 4 additional credit hours of CS Electives

Additional Requirements: 13-credit hours

___ 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

___Multicultural Requirement

(May be satisfied within General Studies)