

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

303-556-2503

South Classroom 226

Catalog 10-11

This sheet applies to the 2010-2011 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	43-51
Major courses	53
Concentration	18 min.
Additional requirements	11
Total to graduate (min. 40 upper-division hours)	125-133

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

GENERAL REQUIREMENTS

Composition

_____	ENG 1010-3	Freshman Comp: the Essay
_____	ENG 1020-3	Freshman Comp: Anal., Rsrch & Docum.

Mathematics

_____	MTH 1400-4	Precalculus
or	MTH 1110-4	College Algebra and MTH 1120-3 Trigonometry

Communications

_____	SPE 1010-3	Public Speaking
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Historical

_____	-3
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Arts & Letters

_____	PHI 1030-3	Ethics
or	PHI 3360-3	Business Ethics
or	PHI 3370-3	Computer, Ethics & Society
_____	-3	

Social Sciences

_____	-3
_____	-3

Natural Sciences

_____	PHY 2311-4	General Physics I
_____	PHY 2321-1	General Physics I Lab
_____	PHY 2331-4	General Physics II
_____	PHY 2341-1	General Physics II Lab
_____	CHE 1100-4	Principles of Chemistry & CHE 1150
or	CHE 1800-4 & CHE 1810-4 & CHE 1850-2 Lab	

Multicultural Requirement

(may be satisfied within General Studies, major, minor or electives)

_____	-3
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REQUIRED TECHNICAL COURSES (CORE): Any course used to satisfy a pre-requisite for an EET course must be passed with a grade of "C" or better.

_____	CS 1050-4	Computer Science I*
_____	EET 1140-4	Circuits I
_____	EET 1150-4	Circuits II
_____	EET 2140-3	Electronics I
_____	EET 2150-3	Electronics II
_____	EET 2310-4	Digital Circuits I
_____	EET 2340-3	Technical Programming Applications
_____	EET 3110-4	Circuit Analysis with Laplace
_____	EET 3330-3	Digital Circuits II
_____	EET 3350-3	Embedded Applications Using C++ (replaces EET 2350)
_____	EET 3360-3	Microprocessors
_____	EET 3620-3	Analog & Digital Communications
_____	EET 3710-3	Control Systems Analysis
_____	EET 4100-1	Senior Project I
_____	EET 4110-2	Senior Project II
_____	EET 4340-3	Interface Techniques
_____	EET 4370-3	Microcontrollers
3 hrs. chosen from (replaces EET 3120 in core):		
_____	EET 3690-3	_____EET 4320-3
		_____EET 4330-3

Additional Requirements

_____	COM 2610-3	Introduction to Technical Writing
_____	MTH 1410-4	Calculus I
_____	MTH 2410-4	Calculus II

COMPUTER ENGINEERING TECHNOLOGY CONCENTRATION REQ.

_____	CS 2050-4	Computer Science 2
_____	CS 2400-4	Computer Organization and Assembly Language
_____	CS 3400-4	Computer Architecture

6 additional hours chosen from CET 3120, CS 3050, CS 3700, CS 4250, EET 1300, EET 3690, EET 3730, EET 3740, EET 3800, EET 4020, EET4320, EET 4330, EET 4630 or EET 4730.

*Students with weak mathematic skills may still be advised to take EET 1001 to enhance their skills.