Preparatory Courses
High School

Prep Math

MTH 1110
College Algebra

MTH 1120
College Trig

Freshman Year

1st Semester (Fall)
16 hours

ENG 1010
Composing Arguments

SPE 1010
Public Speaking

EET 1001
Electronics: An Introduction

MTH 1400*
Precalculus

2nd Semester (Spring)
16 hours

EET 1140
Circuits I

CHE 1100
Principles of Chemistry

CHE 1150
Principles of Chemistry Lab

MTH 1410
Calculus I

Sophomore Year

3rd Semester (Fall)
16 hours

EET 1150
Circuits II

PHY 2311
General Physics I

PHY 2321
General Physics I-Lab

MTH 2410
Calculus II

4th Semester (Spring)
16 hours

EET 2340
Technical Programming Applications

EET 2145
Electronics

EET 2165
Electronics Lab

Recommended course rotation:

• Students placing directly into MTH 1410 in the first semester may replace these credits with MTH 2420 in the third semester.

Communications Concentration

Junior Year

5th Semester (Fall)
16 hours

EET 3410
Electric Machines

EET 3110
Transform Methods in Circuit Analysis

EET 3620
Analog & Digital Communications

EET 3330
Digital Circuits II

General Studies
History

6th Semester (Spring)
17 hours

EET 3120
Advanced Analog Electronics

EET 3730
Process Control Systems

EET 3640
Programmable Logic Controllers

EET 4370
Microcontrollers

EET 4020
Digital Circuits III

Senior Year

7th Semester (Fall)
17 hours

EET 3715
Control Systems Analysis

EET 4100
Senior Project I

EET 4340
Interface Techniques

EET 4620
Adv. Communications Systems

EET 4030
Intro to Ethics

OR

PHI 3360
Business Ethics

Approved technical elective

Approved technical elective

General Studies
Social & Behavioral Science II

8th Semester (Spring)
14 hours

EET 4320
Digital Filters

EET 4110
Senior Project II

Approved technical elective

Approved technical elective

Metropolitan State University of Denver, ELECTRICAL ENGINEERING TECHNOLOGY
Campus Box 61, Bldg. Plaza Suite 262, P.O. Box 173362, Denver, CO 80217-3362
Phone: (303) 556-2503, Fax: (303) 556-2972, http://www.msudenver.edu/et
Computer Engineering Technology Concentration

Junior Year

5th Semester (Fall)

16 hours

6th Semester (Spring)

18 hours

General Studies

History

EET 3410

Electric Machines

EET 3110

Transform Methods in Circuit Analysis

EET 3620

Analog & Digital Communications

EET 3330

Digital Circuits II

EET 3120

Advanced Analog Electronics

EET 3730

Process Control Systems

EET 3740

Programmable Logic Controllers

EET 3630

Electromagnetic Fields

EET 4370

Microcontrollers

CS 1050

Computer Science I

Senior Year

7th Semester (Fall)

18 hours

8th Semester (Spring)

12 hours

EET 3715

Control Systems Analysis

EET 4100

Senior Project I

EET 4340

Interface Techniques

EET 4330

Data Communications

CS 2050

Computer Science II

PHI 1030

Intro to Ethics

OR

PHI 3360

Business Ethics

Power & Control Systems Concentration

Junior Year

5th Semester (Fall)

16 hours

6th Semester (Spring)

17 hours

General Studies

History

EET 3410

Electric Machines

EET 3110

Transform Methods in Circuit Analysis

EET 3620

Analog & Digital Communications

EET 3330

Digital Circuits II

EET 3120

Advanced Analog Electronics

EET 3730

Process Control Systems

EET 3740

Programmable Logic Controllers

EET 3630

Electromagnetic Fields

EET 4370

Microcontrollers

EET 3420

Electric Power Distribution

CS 1050

Computer Science I

EET 3430

Power Generation Using Renewable Energies

PHI 1030

Intro to Ethics

OR

PHI 3360

Business Ethics

Senior Year

7th Semester (Fall)

18 hours

8th Semester (Spring)

13 hours

EET 3715

Control Systems Analysis

EET 4100

Senior Project I

EET 4340

Interface Techniques

EET 3430

Data Communications

CS 2050

Computer Science II

PHI 1030

Intro to Ethics

OR

PHI 3360

Business Ethics

Approved technical elective

Approved technical elective