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
- **General Studies**: 38 min.

### Major Courses
- **Major courses**: 72

### Concentration
- **Concentration**: 18

### Total to graduate (min. 40 upper division hours)
- **Total to graduate**: 128-136

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*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
- **MTH 1110** (4 hrs) College Algebra
- **MTH 1120** (3 hrs) Trigonometry
- **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
- **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

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**MAJOR COURSES**: Any course used to satisfy a prerequisite for an EET course must be passed with a grade of “C” or better.

1. **EET 1001** (3 hrs) Electronics: An Introduction
2. **EET 1040** (3 hrs) Introduction to Engineering
3. **EET 1140** (4 hrs) Circuits I
4. **EET 1150** (4 hrs) Circuits II
5. **EET 2145** (3 hrs) Electronics
6. **EET 2165** (1 hr) Electronics Laboratory
7. **EET 2310** (3 hrs) Digital Circuits I
8. **EET 2340** (3 hrs) Technical Programming Applications
9. **EET 2350** (3 hrs) Advanced Technical Programming
10. **EET 3110** (4 hrs) Transform Methods in Circuit Analysis
11. **EET 3120** (4 hrs) Advanced Analog Electronics
12. **EET 3330** (3 hrs) Digital Circuits II
13. **EET 3410** (3 hrs) Electric Machines
14. **EET 3620** (3 hrs) Analog and Digital Communications
15. **EET 3630** (3 hrs) Electromagnetic Fields
16. **EET 3715** (4 hrs) Control Systems Analysis
17. **EET 3730** (2 hrs) Process Control Systems
18. **EET 3740** (2 hrs) Programmable Logic Controllers
19. **EET 4100** (1 hr) Senior Project I (Sr. Exp.)
20. **EET 4110** (2 hrs) Senior Project II (Sr. Exp.)
21. **EET 4340** (3 hrs) Interface Techniques
22. **EET 4370** (3 hrs) Microcontrollers
23. **COM 2610** (3 hrs) Introduction to Technical Writing
24. **MTH 1410** (4 hrs) Calculus I* (can be satisfied in general studies)
25. **MTH 2410** (4 hrs) Calculus II

**POWER AND CONTROL SYSTEMS CONCENTRATION:**

1. **EET 3420** (3 hrs)
2. **EET 3430** (3 hrs)
3. **EET 4710** (4 hrs)

8 additional credit hours chosen CET 2150, CET 3120, EET 4320, EET 4330, or EET 4730, MET 3110, or MET 3125.

**Multicultural Requirement** may be satisfied within General Studies