### First Year

**Fall:** 16 Credits

- ENG 1010 (3) Composing Arguments Or ENG 1009
- MTH 1110 (4) College Algebra
- Oral Communication (3)
- AMS 1010 (3) Survey of Advanced Manufacturing
- IND 1450 (3) OR CET 1215 (3) or MET 1200 (3)

**Spring:** 15 Credits

- ENG 1020 (3) Freshman Comp: Anly, Rsrch, & Doc.
- MTH 1120 (3) Trigonometry
- EET 1001 (3) Electronics: An Introduction
- MET 1010 (3) OR IND 2830 (3)
- ARCH 2003 (3) Building Structures

### Second Year

**Fall:** 14 Credits

- PHY 2010 (4) & PHY 2030 (1) College Physics I & Lab
- COM 2610 (3) Introduction to Technical Writing
- MET 1310 (3) Principles of Quality Assurance
- Historical (3)-select course approved for Global Div.

**Spring:** 16 Credits

- CET 3120 (3) Engineering Economy
- CIS 2010 (3) Foundations of Info. Systems
- Arts and Humanities (3)-select course approved for Multicultural
- Natural & Physical Sciences (1)***
- Social and Behavioral Sciences II (3)**
- Approved Major Electives (3)****

### Third Year

**Fall:** 14 Credits

- CET 3100 (3) Construction Methods
- CS 3000 (4) Computing for Adv. Manufacturing
- MET 3000 (4) Advanced Manufacturing Analysis
- Approved Major Electives (3)****

**Spring:** 15 Credits

- CET 3110 (3) Construction Estimating
- MGT 3000 (3) Organizational Management
- Approved Major Electives (6)****
- Arts and Humanities (3)*

### Fourth Year

**Fall:** 15 Credits

- CET 4150 (3) Highway Engineering & Surveying
- CET 4570 (3) Engineering Law
- Approved Major Electives (9)****

**Spring:** 15 Credits

- AMS 4950 (3-6) Professional Internship
- Approved Major Electives (12)****

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* PHI 1030-Ethics is recommended  
** ECO 2020 Microeconomics is recommended  
*** PHY 1020-Physics for Advanced Technology is recommended  
**** Students need to complete 33-credits of AMS advisor approved electives. A minimum of 11 credits of electives must be upper-division. All students are required to complete 40-credits of upper-division to graduate.