Mechanical Engineering Curriculum

**Freshman**

**Fall**
- EGR110 (2) Intro to Engineering

**Spring**
- ME111 (2) Engineering Graphics
- CS201 (1) Intro to Programming
- ME301 (2) Mech. Eng. Analysis

**Sophomore**

**Fall**
- PHY204 (4) General Physics & Lab
- EGR211 (3) Materials Science
- ME311 (3) Fluids I

**Spring**
- PHY205 (4) General Physics & Lab
- EGR270 (1) Materials Lab
- ME351 (2) Mech. Systems Lab

**Junior**

**Fall**
- MTH201 (4) Calculus I
- CHM207 (3) Chemistry I & Lab
- ME332 (2) Applied Therm.

**Spring**
- MTH202 (4) Calculus II
- MTH301 (4) Vector Calculus
- ME304 (3) Computer Aided Eng.

**Senior**

**Fall**
- EGR221 (3) Materials Science
- ME331 (3) Thermodynamics
- ME374 (1) Fluids Lab

**Spring**
- THE101 (3) Intro to Theology
- ME401 (4) Machine Design
- ME482 (2) ME Project II

Notes:
- Courses shaded in blue are typically offered in both the Fall and Spring.
- Occasional summer courses include: EGR351, EGR360, EGR211, EGR212, and ME311.
- *Only one writing intensive course (PHL150, ENG112, THE205) should be taken per semester.
- A grade of C- or better is required in PHY204, MTH201, and MTH202.
- If a THEP course is taken that fulfills two University core requirements (upper-division theology as well as social science or history), students must choose from the list of restricted electives below.
- Otherwise, the Restricted Elective must be an appropriate University core course.
- Restricted Electives: Any Business, Science or Engineering 2xx, 3xx, 4xx course
- Any College of Arts and Sciences 3xx or 4xx course
- Other courses may be acceptable, but require ME department approval.

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