Mechanical Engineering Flow Chart (2015-2016)

**Freshman Year**
- **First Semester (17 cr.)**
  - MATH-115 (≥C)
  - MATH-123 Calc I (4)
- **Second Semester (17 cr.)**
  - MATH-125 Calc II (4)
  - PHYS-211 Physics I (3)

**Sophomore Year**
- **First Semester (18 cr.)**
  - MATH-225 Calc III (4)
  - PHYS-213L Physics II Lab (1)
  - CHEM-112 Gen Chem I Lab (1)
- **Second Semester (16 cr.)**
  - MATH-321 Diff Equations (3)
  - ME-210* Statics (3)
  - ME-225 Calc III (4)
  - CSC-170 Prog for Eng & Sci (2-1)

**Junior Year**
- **First Semester (15 cr.)**
  - MATH-373 Intr to Num Analysis (3)
  - ME-216* Intro Solid Mech (3)
  - ENGL-101 Comp I (3)
  - Humanities or Soc. Sciences Elective(s) (3 cr.)
- **Second Semester (15 cr.)**
  - ME-316* Solid Mech (3)
  - ME-321* Thermo Fluid Dyn (3)
  - ENGL-279 Tech Comm I (3)
  - Humanities or Soc. Sciences Elective(s) (3 cr.)

**Senior Year**
- **First Semester (15 cr.)**
  - ME-351* Intro Dyn Sys (3)
  - ME-352* Intro Dyn Sys (3)
  - ME-312* Thermo II (3)
  - Humanities or Soc. Sciences Elective(s) (3 cr.)
- **Second Semester (15 cr.)**
  - ME-322* Machine Design I (3)
  - ME-351* Machine Design I (3)
  - IENG-301 Basic Eng Econ (2)
  - Humanities or Soc. Sciences Elective(s) (3 cr.)

* A grade of C or better required for graduation

Note: Many Mechanical Engineering courses are offered both fall and spring semesters and some are offered during the summer semester. Check with your academic advisor to find out if a course is offered in semesters other than indicated on the flowchart.