## Recommended Course Sequence for Mechanical Engineering

**Updated 3/11/19 for the 2020 Catalog Year**

### Semester-1
- **ME 101** Intro Engr & Tech
- **ME 142** Engr Comp I

### Semester-2
- **ME 202** Strengths of Mtls
- **ME 250** Materials Science

### Semester-3
- **ME 305** Mechatronics I
- **ME 310** Mechatronics II

### Semester-4
- **ME 322** Thermodynamics
- **ME 342** Engr Comp II

### Semester-5
- **ME 370** Machine Design
- **ME 360** Fluid Mechanics

### Semester-6
- **ME 231** Mfg Processes I
- **ME 231L** Mfg Processes I Lab

### Semester-7
- **ME 298 Internship (1 credit)**
- **ME 398R Internship (1 credit)**

### Semester-8
- **ME 301** Advanced Writing
- **FDENG 301**

### Notes:

**A** To see the requirements for getting into FDMAT 112 go to http://www.byui.edu/mathematics/placement-exam-(aleks)

**B** The Engineering Entrance Exam, which covers Statics and Strength of Materials concepts, is covered during the first two weeks of ME 250.

**C** Two experiential credits are required for graduation. There are three experiential options available: ME 298 (Technical Internship -- usually done while off-track); ME 398R (Engineering Internship -- usually done while off-track); and ME 490 (Special Project -- usually done while on-track). It is good to obtain employment every time you are off-track. Technical or engineering employment can count for 298 or 398R internship credit if approved in advance by the department’s internship coordinator.

**D** See the university catalog for courses that can be taken to fill this requirement

**E** See the university catalog for courses that can be taken to fill this requirement. Technical electives are not taught every semester. Students should use the Grad Planning tool in I-Plan to plan their courses, including their technical electives.

**Total Credits = 120**