## Suggested 4-Year Academic Flowchart

**B.S. in MECHANICAL ENGINEERING**

### 2015-2017 Catalog

#### FRESHMAN

**Fall**
- Introduction to Mechanical Engineering I
  - ME 128^ (1)
  - (1st quarter freshman year)
  - Conv: ME 128 (2nd quarter)

**Winter**
- Orientation to ME
  - ME 163^ (1)
  - (Conv: ME 129)

#### SOPHOMORE

**Fall**
- Manufacturing Processes: Materials Joining
  - ME 142 (2)

**Spring**
- Calculus I
  - MATH 141 (4)
  - * (B1)

#### JUNIOR

**Fall**
- General Physics I
  - PHYS 131 (4)
  - (Add'l Area B)

**Winter**
- General Physics II
  - PHYS 132 (4)
  - (PHYS 131, HNRS 131, or PHYS 141)

#### SENIOR

**Fall**
- Concentration
  - ME 326 (4)
  - or ME 130 (2)

**Winter**
- Concentration
  - ME 329 (4)
  - (ME 212 or ARCE 211)

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**Notes:**
- MOST GENERAL EDUCATION COURSES CAN BE TAKEN IN ANY ORDER AS LONG AS PREREQUISITES ARE MET
- * Refer to current catalog for prerequisites.
- ** One course from each of the following GE areas must be completed: A1, A2, C1, C2, C3, C4, D1, D2, D3, D4. C4 should be taken only after Junior standing is reached (90 units).
- Refer to online catalog for GE course selection, United States Cultural Pluralism (USCP) and Graduation Writing Requirement (GWR).
- USCP requirement can be satisfied by some (but not all) courses within GE categories: C3, C4, D1, D2, or D4.
- ** Refer to current catalog for course selection.
- † Transfer students take ME 228 & 229 in lieu of ME 128, 129, 130 and 163

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**Legend:**
- Course Title (Units) (Prerequisites)
- Major (59)
- Support (76-80)
- GE Area
- Concentration (21-23)
- General Ed. (40)

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**Student Notes:**
- Expository Writing
  - ENGL 133 or 134 (4)** (A1)
- (Completion of GE A1 with a C- or better. Recom: Completion of GE A2)
- Can be taken anytime between Winter of Freshman and Winter of Sophomore Years

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**Support Courses:**
- Com 101 or 102 (4)** (A2)
- Can be taken anytime during Freshman Year

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**TOTAL:** 196-202