

☐ Field-of-study course
 ☐ ET core course
 ☒ Required, outside the field
 ☐ Open elective slot

**Freshman
Fall**

TECH 1711 (3)
 Manufacturing Process I
 ET core, fixed semester
 Leads to: **TECH 4472 (Jr Fa)**

**Freshman
Spring**

TECH 1521 (3)
 Graphics/Descriptive
 Geometry
 ET core, fixed semester
 Leads to: **TECH 4472 (Jr Fa)**

**Sophomore
Fall**
 1 elective slot

1 open slot any technical
elective

**Sophomore
Spring**
 2 elective slots

TECH 3401 (3)
 Strength of Materials
 Needs: MATH 1910 (Fr Sp),
 PHYS 2010 (So Fa), PHYS
 2011 (So Fa)
 Take with: TECH 3044 (same
 term or earlier)
Window: So Sp - Jr Sp
 Leads to: **TECH 3573 (Jr Fa),**
TECH 4472 (Jr Fa)

TECH 3044 (4)
 Analysis for Engineering
 Tech
 ET core, fixed semester
 Leads to: **TECH 3573 (Jr Fa)**

TECH 3421 (4)
 Manufacturing Process II
Window: So Sp, Jr Sp
 Leads to: **TECH 4571 (Jr Sp)**

Mechanical Systems Design

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