# Mechanical Engineering 2020-21

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Description</th>
<th>Credits</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME EN 1000</td>
<td>Intro to Design for Eng Sys</td>
<td>3hr L F,S</td>
<td>ME EN 1310</td>
<td>MATH 1310</td>
</tr>
<tr>
<td>ME EN 1010</td>
<td>Comp Prob Solv for Eng Sys</td>
<td>3hr L F,S</td>
<td>ME EN 1310</td>
<td>MATH 1310</td>
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<tr>
<td>ME EN 2450</td>
<td>Manufacturing</td>
<td>3hr L F,S</td>
<td>MATH 1310</td>
<td>PHYS 2210, MATH 2250</td>
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<tr>
<td>ME EN 2650</td>
<td>Professional</td>
<td>3hr F,S, Su*</td>
<td>MATH 1310</td>
<td>PHYS 2210, MATH 2250</td>
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<tr>
<td>ME EN 3400</td>
<td>Design of Mech Elem</td>
<td>3hr F,S</td>
<td>ME EN 2210</td>
<td>MATH 2250</td>
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<tr>
<td>ME EN 3420</td>
<td>Engineering Design I</td>
<td>3hr F,S</td>
<td>ME EN 2210</td>
<td>MATH 2250</td>
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<tr>
<td>ME EN 3460</td>
<td>Fluid Mechanics</td>
<td>3hr F,S</td>
<td>ME EN 2210</td>
<td>MATH 2250</td>
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<tr>
<td>ME EN 3650</td>
<td>Heat Transfer</td>
<td>3hr F,S</td>
<td>ME EN 2210</td>
<td>MATH 2250</td>
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<tr>
<td>ME EN 3310</td>
<td>Mechanics of Materials</td>
<td>3hr F,S</td>
<td>ME EN 2210</td>
<td>MATH 2250</td>
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## Admissions
- Apply to U of U
- Complete preqs to Calculus I
- Be offered full major status through the Dept. of Mechanical Engineering (see our website for more information).

## Continuing Performance
- 2.5 cumulative U of U GPA
- Pre/co-reqs strictly enforced
- C or better in major courses
- C or better in MATH courses
- One repeat per course (second grade counts)
- Upper division core GPA of 2.3

## Graduation Requirements
- U of U BS requirements
- 2.5 cumulative U of U GPA
- C or better in major courses

**NOTE: ME EN 1000 open to anyone enrolled in Calculus I or higher but students need full major status to take any other ME EN course.**

## General Education: Choose 8 courses that satisfy these 10 requirements:
- WR2 FF BF HF DV
- AI FF BF HF IR
- ** Assumes 3 hrs per Gen. Ed. Req.

**Co-requisite/Prerequisite**
- L = Lab Included
- F = Fall
- S = Spring
- Su* = Summer (tentative)
- ** Assumes 3 hrs per Gen. Ed. Req.

**Disclaimer:** Course availability and prerequisites subject to change. See catalog.utah.edu. Revised 5/22/20