# B.S. of MECHANICAL ENGINEERING

(126 cr)

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<th>Year 1</th>
<th>Year 2</th>
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<td>Fall (15cr)</td>
<td>Spring (12cr)</td>
<td>Fall (14.5cr)</td>
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<td>MECH 1200</td>
<td>MECH 2100</td>
<td>MECH 2210</td>
<td>MECH 2250</td>
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<tr>
<td>Intro Design &amp; Prototyping</td>
<td>Coding</td>
<td>Circuits</td>
<td>Sensors &amp; Actuators</td>
<td>Systems &amp; Controls</td>
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### Refer to catalog

- ENGL 2010: Intermediate Writing
- MATH 1080: College Alg / Pre-Calculus
- MATH 1100: College Alg / Pre-Calculus
- MATH 1210: Calculus I
- MATH 2210: Calculus II
- MATH 2220: Multivariable Calculus
- MATH 2250: Diff Eqns & Linear Algebra
- MATH 3500: Numerical Analysis
- MECH 2110: Writing in the Sciences
- MECH 2160: Materials Science
- MECH 2210: Statics
- MECH 3200: Fluid Mechanics
- MECH 3300: Heat Transfer
- MECH 3600: Prototyping Techniques
- MECH 3650: Krafft Techniques
- PHYS 2210: Writing in the Professions
- PHYS 2220: Physics I Lab
- PHYS 2225: Physics II Lab

### Other Courses

- CHEM 1210: Chemistry I
- CHEM 1215: Chemistry I Lab
- PHYS 2220: Physics II Lab
- ENGL 1010: Intermediate Writing
- ENGL 2010: Intermediate Writing
- Life Sciences
- Fine Arts
- Literature/Humanities

### Additional Information

- MATH 0900 or ACT 23
- MATH 1050 or 1060 or MATH 1080
- MATH 1000 with grade of B or higher
- MATH 2270, 2280 or MATH 2250
- Refer to catalog
- Refer to catalog
- Refer to catalog

### Assessments

- FE Exam
- Refer to catalog
- Refer to catalog
- Refer to catalog