## B.S. in Mechanical Engineering from UND and B.S. in General Engineering from Siena Heights University (SHU)

### FIRST YEAR FALL
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Taken</th>
<th>UND Course</th>
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</thead>
<tbody>
<tr>
<td>MAT 181: Calculus I</td>
<td>4</td>
<td>SHU</td>
<td>MATH 165</td>
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<tr>
<td>CHE 141: General Chemistry I</td>
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<td>CHEM 121/L</td>
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<tr>
<td>LAS 100: First Year Experience</td>
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<tr>
<td>ENG 101: Reading &amp; Writing I</td>
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<td>PHY 111/SOC 111/ECO 221/222</td>
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<td>Approved Fine Art</td>
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### FIRST YEAR SPRING
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<th>Course</th>
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<tbody>
<tr>
<td>MAT 182: Calculus II</td>
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<td>ENR 249: Engineering Mechanics Statics</td>
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<tr>
<td>ENR 220: Engineering Thermodynamics</td>
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<td>ME 341</td>
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<td>ENR 250: Mechanics of Materials</td>
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<td>PHY 161: Physics I</td>
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<td>MAT 292: Multivariable Calculus</td>
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<td>ME 101: Intro to Mechanical Engineering</td>
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<tbody>
<tr>
<td>PHY 162: Physics II</td>
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<td>MAT 282: Differential Equations</td>
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<td>ENR 260: Eng. Mechanic Dynamics</td>
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<td>MATH 321: Applied Statistical Methods¹</td>
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<td>ENGR 200: Computer Applications for Engr.</td>
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<td>ME 201C: Student Design Lecture</td>
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<tr>
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<tbody>
<tr>
<td>ENR 202: Dev Skills for Internship</td>
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<td>ME 301: Materials Science</td>
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<td>ME 322: Design of Machinery</td>
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<td>ENGR 460: Engineering Economy</td>
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<td>ME 306: Fluid Mechanics</td>
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<td>ME Tech Elective-Thermal Science</td>
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<td>ENR 270: Circuit Analysis</td>
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<td>ME 323: Machine Component Design</td>
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<td>ME 418: Manufacturing Process</td>
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<td>ME 474: Fund. of Heat &amp; Mass Transfer</td>
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<td>ENGR 340: Professional Integrity in Engr.</td>
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<td>LAS 441: Justice &amp; Peace</td>
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**SUMMER CLASSES & LABS**

<table>
<thead>
<tr>
<th>COURSE</th>
<th>CREDITS</th>
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<th>WHEN TO TAKE</th>
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<tr>
<td>LAS 241: Inquiry &amp; Truth</td>
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<td>ME 201L: Student Design Lab</td>
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<td>ME 418L: Manufacturing Process</td>
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<td>ME 483: Mechanical Measurements Lab</td>
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**NOTES**

1. Course will transfer back to SHU as MAT 440