<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>3150:151</td>
<td>*Principles of Chemistry I</td>
<td>3</td>
<td>Fall</td>
</tr>
<tr>
<td>3150:152</td>
<td>Principles of Chem I Lab</td>
<td>1</td>
<td>Fall</td>
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<tr>
<td>3300:111</td>
<td>&quot;*English Composition I</td>
<td>3</td>
<td>Spring</td>
</tr>
<tr>
<td>3450:222</td>
<td>*Analytic Geometry-Calculus II</td>
<td>4</td>
<td>Spring</td>
</tr>
<tr>
<td>3650:291</td>
<td>*Elementary Classical Physics I</td>
<td>4</td>
<td>Spring</td>
</tr>
<tr>
<td>4900:166</td>
<td>Aerospace Systems Engineering Project Management</td>
<td>1</td>
<td>Summer</td>
</tr>
<tr>
<td>4900:165</td>
<td>Tools for Aerospace Systems Eng</td>
<td>2</td>
<td>Summer</td>
</tr>
</tbody>
</table>

**Honors sections may be available; check the schedule of classes.**

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**College of Engineering Notes**

*Credit hours shown for General Education or Honors Distribution are general guidelines only. These courses should be chosen in accordance with the appropriate General Education curriculum guide (for non-honors students) or Honors Distribution (for honors students). Honors students must also ensure that their course selections meet additional requirements not shown on this curriculum guide.

**Gen Ed Program** - https://www.uakron.edu/general-education/

**Honors Distribution** - https://www.uakron.edu/honors/curriculum/

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**Aerospace Systems Engineering Program Notes**

Based on industry requirements for full-time and co-op placement, Aerospace Systems Engineering is limited to citizens or permanent resident aliens of the United States.

Students must have a cumulative GPA at least 3.0 before their first co-op term.

*The Mechanical Engineering Department recommends that English Composition I be used to satisfy writing course requirement but other choices are available. See the General Education Program for details.

*Check General Education Program or Honors Distribution to find courses that satisfy the 2nd writing course requirement.
In addition to meeting all other degree requirements, a minimum of 139 credits must be completed.