AEROSPACE ENGINEERING MINOR

A minor in Aerospace Engineering (AAE) provides opportunities for students to take technical engineering courses relevant to aviation and astronautics fields, and to gain the experiential knowledge that industry seeks, through lab and senior capstone design courses. Advances in aerospace technologies in the aviation field make air travel safer and less expensive while leaving a smaller carbon footprint. Within astronautics, the most advanced launch vehicles send communication and space, earth and solar-science satellites, and manned spacecraft, into orbit. The AAE minor is a unique, transcript-visible opportunity for engineering students to prepare for a career in the aviation and astronautics industry.

Minor Code: 905

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAE 210</td>
<td>INTRODUCTION TO AEROSPACE ENGINEERING</td>
<td>3</td>
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<tr>
<td>ME 411</td>
<td>AEROSPACE APPLICATIONS IN MECHANICAL ENGINEERING</td>
<td>4</td>
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<tr>
<td>ME 497</td>
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<td>ME 498</td>
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<td>Select 12 credits of the following:</td>
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<tr>
<td>ME 445</td>
<td>INTRODUCTION TO COMBUSTION</td>
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<td>ME 461</td>
<td>GAS DYNAMICS</td>
<td></td>
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<tr>
<td>ME 499</td>
<td>SPECIAL TOPICS (Space Systems Engineering)</td>
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<tr>
<td>ME 499</td>
<td>SPECIAL TOPICS (UAV Engineering)</td>
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<tr>
<td>ME 499</td>
<td>SPECIAL TOPICS (Aerospace Vehicle Design Laboratory)</td>
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Total Credits 27