Aerospace Engineering

AE 321  **Mechs of Aerospace Structures**  credit: 3 hours.
Fundamental concepts in the linear theory of elasticity, including stress, strain, equilibrium, compatibility, material constitution and properties. Failure mechanisms and criteria. Application to plane stress-strain problems, beams in extension and bending, and shafts in torsion. Prerequisite: MATH 285 and TAM 210.

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<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>29786</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>103 - Talbot Laboratory</td>
<td>White, S</td>
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Restricted to Aerospace Engineering major(s).