CONTROL OF MECHANICAL SYSTEMS - MINOR

The objectives of the Mechanical Engineering minor-Control of Mechanical Systems- are to expand the working knowledge of mechanical engineering principles to broader engineering activities and to provide non-MEEN students with a specialized aspect of mechanical engineering to enhance their skillset and capabilities within their discipline-specific field. Candidates for a Mechanical Engineering minor must be high-achieving in their own discipline, with a minimum GPA of 3.5. Students may apply for the minor as early as their fourth semester of college but before their seventh semester of college. Students are responsible for the satisfying course pre-requisites (C or better) which may or may not apply toward the minor or the student's major degree(s).

Program Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEEN 363</td>
<td>Dynamics and Vibrations</td>
<td>3</td>
</tr>
<tr>
<td>MEEN 364</td>
<td>Dynamic Systems and Controls</td>
<td>3</td>
</tr>
<tr>
<td>MEEN 431</td>
<td>Advanced System Dynamics and Controls</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two from:
- MEEN 408  Mechanics of Robotic Manipulators
- MEEN 411  Mechanical Controls
- MEEN 432  Automotive Engineering
- MEEN 433  Mechatronics
- MEEN 434  Dynamics and Modeling of Mechatronic System
- MEEN 459  Sound and Vibration Measurements

Total Semester Credit Hours: 15

Minimum of 6 hours at 300- to 400-level.

3.5 minimum overall GPA.

Prerequisites of required and elective courses must have a grade of 'C' or better even if not counting toward degree or minor.