Class Schedule - Fall 2019

Nuclear, Plasma, and Radiological Engineering

NPRE 402  **Nuclear Power Engineering**  credit: 3 OR 4 hours.
Principles of utilization of fission energy in nuclear power engineering; includes such topics as fission processes and controlled chain reactions; nuclear reactor types, design principles, and operational characteristics; power reactor design criteria; radiation hazards and radioactive waste treatment; economics; other applications such as propulsion and research reactors. 3 undergraduate hours. 4 graduate hours. Credit is not given for both NPRE 402 and NPRE 247.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>34302</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>08:00 AM - 08:50 AM</td>
<td>MWF</td>
<td>103 - Talbot Laboratory</td>
<td>Ragheb, M</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Section restricted to Undergrads

| 43004 | Lecture-Discussion  | D4      | 08:00 AM - 08:50 AM | MWF  | 103 - Talbot Laboratory | Ragheb, M  |

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Section restricted to graduate students