Class Schedule - Fall 2015

Nuclear, Plasma, and Radiological Engineering

NPRE 412  **Nuclear Power Econ & Fuel Mgmt**  credit: 3 OR 4 hours.
Quantitative analysis of the impact of the nuclear power industry; nuclear fuel cycle and capital costs for thermal and fast reactors; optimization of the use of nuclear fuels to provide the lowest energy costs and highest system performance; comparison between fossil fuel systems, fission systems, and controlled thermonuclear fusion systems. 3 undergraduate hours. 4 graduate hours. Prerequisite: NPRE 402 or NPRE 247. Junior standing is required.

<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>30496</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>09:00 AM - 09:50 AM</td>
<td>MWF</td>
<td>106B6 - Engineering Hall</td>
<td>Holm, R Stubbins, J</td>
</tr>
</tbody>
</table>

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

| 43005| Lecture-Discussion | D4      | 09:00 AM - 09:50 AM | MWF  | 106B6 - Engineering Hall | Holm, R Stubbins, J |

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