Physics

PHYS 487  **Quantum Physics II**  credit: 4 hours.
Continuation of PHYS 486. Identical particles, spectral hyperfine structure, magnetic properties of matter, atomic spectroscopy of inner electrons, high-energy photon effects, molecular binding and spectra, emission and absorption of light, and symmetry principles. 4 undergraduate hours. 4 graduate hours. Prerequisite: PHYS 486.

<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>
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<tbody>
<tr>
<td>36752</td>
<td>Lecture</td>
<td>A</td>
<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>144 - Loomis Laboratory</td>
<td>Neubauer, M</td>
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Restrict to students with Junior or Senior class standing.
Register for the lecture and for one of the discussion sections.

<table>
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<tr>
<th>58903</th>
<th>Discussion/Recitation</th>
<th>D0</th>
<th>04:30 PM - 05:50 PM</th>
<th>W</th>
<th>136 - Loomis Laboratory</th>
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| 36762| Discussion/Recitation | D1     | 06:00 PM - 07:20 PM | W    | 136 - Loomis Laboratory |