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. 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>
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<tr>
<td>36752</td>
<td>Lecture</td>
<td>A</td>
<td>09:00 AM - 10:20 AM</td>
<td>TR</td>
<td>158 - Loomis Laboratory</td>
<td>Liss, T</td>
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<tr>
<td>36758</td>
<td>Discussion/Recitation</td>
<td>D1</td>
<td>08:00 PM - 08:50 PM</td>
<td>T</td>
<td>143 - Loomis Laboratory</td>
<td>Weiss, A</td>
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<tr>
<td>36762</td>
<td>Discussion/Recitation</td>
<td>D2</td>
<td>07:00 PM - 07:50 PM</td>
<td>W</td>
<td>139 - Loomis Laboratory</td>
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Register for the lecture and for one of the discussion sections.