Class Schedule - Fall 2018

Physics

PHYS 486  Quantum Physics I  credit: 4 hours.
Atomic phenomena integrated with an introduction to quantum theory; evidence for the atomic nature of matter and the properties of
the Schrodinger equation, single particle solutions in one dimension, the hydrogen atom, perturbation theory, external fields, and atomic
spectroscopy of outer electrons. 4 undergraduate hours. 4 graduate hours. Prerequisite: MATH 285; PHYS 214; credit or concurrent
registration in MATH 415.

Register for a lecture and a discussion section.

<table>
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<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>32793</td>
<td>Lecture</td>
<td>A</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>144 - Loomis Laboratory</td>
<td>Beck, D</td>
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Restricted to Engineering Physics or Physics or Teaching of Physics or Astronomy major(s). Restricted to students with Junior or Senior class standing.
Prerequisite: PHYS 325 Credit or Concurrent Registration with PHYS 435