Physics

PHYS 561  **Condensed Matter Physics II**  credit: 4 hours.
Hartree-Fock theory and electron-electron interactions; electron-phonon interactions; electron dynamics and transport; BCS theory of superconductivity; elastic properties; thermal properties due to anharmonicity; defects in solids. Prerequisite: PHYS 560 and PHYS 581.

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<tr>
<th>CRN</th>
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<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>30721</td>
<td>Lecture</td>
<td>A</td>
<td>10:30 AM - 11:50 AM</td>
<td>TR</td>
<td>158 - Loomis Laboratory</td>
<td>Chang, Y</td>
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