Electrical and Computer Engineering

ECE 398  Special Topics in ECE  credit: 0 TO 4 hours.
Subject offerings of new and developing areas of knowledge in electrical and computer engineering intended to augment the existing
curriculum. See Class Schedule or departmental course information for topics and prerequisites. Approved for both letter and S/U
grading. May be repeated in the same or separate terms if topics vary.

<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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<tbody>
<tr>
<td>51057</td>
<td>Lecture</td>
<td>KC</td>
<td>10:00 AM - 10:50 AM</td>
<td>MWF</td>
<td>170 - Everitt Laboratory</td>
<td>Choquette, K</td>
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Credit Hours: 3 hours
Not intended for Graduate - Urbana-Champaign.
Topic: Photonics. Prerequisites: Phys 214. Introduction to active and passive photonic devices and applications: optical processes in semiconductor and dielectric materials including electrical junctions, light emission and absorption, and waveguide confinement; photonic components such as light emitting diodes, lasers, photodetectors, solar cells, liquid crystals, and optical fiber; optical information distribution networks and display applications.