Class Schedule - Fall 2017

Electrical and Computer Engineering

ECE 298  **Special Topics**  credit: 1 to 4 hours.
Lectures and discussions relating to new areas of interest. May be repeated in the same or separate terms for unlimited hours if topics vary. See class schedule for topics and prerequisites.

<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>
</thead>
<tbody>
<tr>
<td>64877</td>
<td>Lecture</td>
<td>JA</td>
<td>01:00 PM - 01:50 PM</td>
<td>MWF</td>
<td>4070 - Electrical &amp; Computer Eng Bldg</td>
<td>Allen, J</td>
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</tbody>
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Credit Hours: 3 hours
Concepts in Engineering Math
Not intended for Graduate - Urbana-Champaign.
Prerequisites: Advanced Placement in Calc I, II. This course introduces advanced students to Advanced Engineering Mathematics as typically used in Engineering, Physics and science courses. This is a math course, taught in the context of the history of mathematics, used as a pedagogical tool. This 3-hr course is historically organized around three main themes: I) Number systems [ca. 50 BCE-1CE], II) Algebraic equations [ca. 5-17 CE] and III) Differential equations (e.g., KCL, KVL, Maxwell's Equations) [ca. 18-21CE].