**Engineering**

**ENG 298  Special Topics**  credit: 1 TO 4 hours.

Subject offerings of new and developing areas of knowledge in engineering intended to augment the existing curriculum. See Class Schedule or college 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>
</tr>
</thead>
<tbody>
<tr>
<td>56212</td>
<td>Lecture-Discussion</td>
<td>GPO</td>
<td>11:00 AM - 11:50 AM</td>
<td>W</td>
<td>106B3 - Engineering Hall</td>
<td>Dankowicz, H McElroy, R</td>
</tr>
</tbody>
</table>

Credit Hours: 1 hours
Road Map to Grad School
Restricted to Engineering. Restricted to Undergrad - Urbana-Champaign.
Road Map to Grad School. This course will introduce engineering undergraduate students to advanced degrees and how best to prepare for the application process. This course will provide opportunities to explore graduate programs, develop application materials, research opportunities, and understand funding mechanisms. Intended for seniors, juniors and advanced sophomores.

| 60877   | Lecture-Discussion  | LRM     | 05:00 PM - 05:50 PM | W    | 106B3 - Engineering Hall | Dou, Z       |

LEGO Robotics Mentoring
Lecture/Discussion on the fundamentals of mentoring a FIRST LEGO League team. Students will focus on programming/building a LEGO robot, strategies of mentoring, working with elementary and middle school-age students, problem solving, and continuous learning.

| 69674   | Lecture-Discussion  | SEP     | 03:30 PM - 04:50 PM | R    | 1048 - Foreign Languages Building | Hebert, L |

Credit Hours: 2 hours
STEM Education Practicum
In this service-learning course, students get experience providing engaging math and science lessons to a diverse group of middle school students from local and Chicago Public Schools. The course includes discussion of topics related to issues of diversity in STEM education, curriculum design, and working with young and diverse populations. This outreach program is part of the ICANEXSEL (Illinois-ChiS&E Alliance for Nurturing Excellence in STEM Education and Leadership) initiative. Course participants must commit to 12 hours of field experiences, some of which will take place in Chicago on Saturdays (transportation to/from Chicago will be provided). For inquiries, contact lhebert2@illinois.edu.