Class Schedule - Spring 2017

Engineering

ENG 598 **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. 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>55569</td>
<td>Lecture-Discussion</td>
<td>AC</td>
<td>11:00 AM - 12:20 PM</td>
<td>T</td>
<td>2320 - Digital Computer Laboratory</td>
<td>Litchfield, J</td>
</tr>
<tr>
<td>60507</td>
<td>Lecture-Discussion</td>
<td>CR2</td>
<td>12:30 PM - 01:50 PM</td>
<td>TR</td>
<td>2320 - Digital Computer Laboratory</td>
<td>Jahnke, K</td>
</tr>
<tr>
<td>60505</td>
<td>Laboratory-Discussion</td>
<td>HP1</td>
<td>ARRANGED -</td>
<td></td>
<td></td>
<td>Jahnke, K</td>
</tr>
<tr>
<td>53156</td>
<td>Lecture-Discussion</td>
<td>HWP</td>
<td>03:30 PM - 04:50 PM</td>
<td>TR</td>
<td>137 - Henry Administration Bldg</td>
<td>Jahnke, K</td>
</tr>
<tr>
<td>65705</td>
<td>Lecture-Discussion</td>
<td>TL</td>
<td>10:00 AM - 10:50 AM</td>
<td>F</td>
<td>3013 - Electrical &amp; Computer Eng Bldg</td>
<td>Chen, Y</td>
</tr>
</tbody>
</table>

Credit Hours: 4 hours
**Advancing Creativity**
This course is about helping others enhance their creativity, innovation and vision. It prepares you for innovation leadership roles in a variety of venues. Sequel to Creativity, Innovation and Vision. Pre-requisite: ENG 333 or ENG 598 - Creativity, Innovation and Vision.

Credit Hours: 4 hours
**Creative, Innovation, Vision**
Restricted to Graduate - Urbana-Champaign. Topic: Creativity, Innovation and Vision. Enhancement of personal creativity via exploration of the nature of creativity, how creativity works, and how to envision what others may not. Practice of techniques and processes to enhance personal and group creativity and to nurture a creative lifestyle. Application to a major term project providing the opportunity to move an idea, product, process or service from vision to reality. Open to all majors, campus wide. Graduate standing or consent of instructor. Class meets in 2320 Digital Computer Lab.

Credit Hours: 1 hours
**HWP Implementation Trip**
Students will travel to Honduras over Winter Break 2015-16 to assist the community of Cerro Verde in constructing a new potable water system. Enrollment in this section does not include travel costs, which must be paid separately. Prereq: concurrent enrollment in ENG 598 HWP Lecture-Discussion, and approval of instructors.

Credit Hours: 4 hours
**Honduras Water Project**
Real-World Design: Honduras Water Project. Two-semester course (Fa15 and Sp16) to assist a rural Honduran community in designing and implementing a holistic water system. You will work closely with professional mentors on every stage of the project. Graduate students in all majors who did not enroll in first semester must obtain instructor approval before registering for this section. (Undergraduate students see ENG 398 HWP). Students are required to concurrently register in ENG598-IDV, Sustainable International Development Seminar.

Credit Hours: 1 hours
Teaching and Leadership
Develop professional skills through practical training in classroom management; review pedagogy and theory of learning. Create communities of practice through discussions and classroom observations; become familiar with campus resources for teaching improvement; discover cutting-edge teaching methods, including active learning and project-based learning through exposure to educational research topics. Completion of this course can be applied towards the Graduate Teaching Certificate and the Foundations of Teaching Certificate, offered by CITL. NOTE: The required textbook for this class will be provided at no cost to the enrollee.