Class Schedule - Fall 2015

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>65786</td>
<td>Lecture-Discussion</td>
<td>AC</td>
<td>ARRANGED</td>
<td>-</td>
<td></td>
<td>Jahnke, K</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>Litchfield, J</td>
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Credit Hours: 4 hours
Advancing Creativity
Instructor approval required to enroll.

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<tr>
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<tbody>
<tr>
<td>65713</td>
<td>Lecture</td>
<td>BIT</td>
<td>ARRANGED</td>
<td>-</td>
<td></td>
<td>Golparvar Fard, M Rogers, J Singer, A</td>
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</tbody>
</table>

Breakthrough Innovation Teams
Instructor Approval Required
Students enrolled in this course will be part of a Breakthrough Innovative Team that works with Faculty Entrepreneurial Fellows on a proof of concept project. Students will gain and improve upon their innovation, leadership, and engineering entrepreneurial skills. For questions or to enroll, contact Brooke Newell at bsnewell@illinois.edu

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<tbody>
<tr>
<td>63972</td>
<td>Lecture-Discussion</td>
<td>C2</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>2320 - Digital Computer Laboratory</td>
<td>Jahnke, K Litchfield, J</td>
</tr>
</tbody>
</table>

Credit Hours: 4 hours
Creativity, Innovation Vision
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.

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</thead>
<tbody>
<tr>
<td>55789</td>
<td>Lecture-Discussion</td>
<td>CIV</td>
<td>11:00 AM - 12:20 PM</td>
<td>TR</td>
<td>2320 - Digital Computer Laboratory</td>
<td>Jahnke, K Litchfield, J</td>
</tr>
</tbody>
</table>

Credit Hours: 4 hours
Creativity, Innovation, Vision
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 DCL.

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<th>Location</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>62340</td>
<td>Lecture-Discussion</td>
<td>HWP</td>
<td>03:30 PM - 04:50 PM</td>
<td>TR</td>
<td>106B3 - Engineering Hall</td>
<td>Jahnke, K Litchfield, J Witmer, A</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Honduras Water Project
Honduras Water Project: Real-World Design- 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 and have the opportunity to travel to Honduras during Spring Break 2016. Open to graduate students in all majors. (Undergraduate students see ENG 398 HWP). Students are required to concurrently register in ENG 598-IDV, Sustainable International Development Seminar.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>65463</td>
<td>Lecture</td>
<td>12:00 PM</td>
<td>T</td>
<td>Newmark Civil Engineering Bldg</td>
<td>Nguyen, T, Witmer, A</td>
</tr>
</tbody>
</table>

Credit Hours: 1 hour
Sust Int Devt Seminar
This year-long seminar course will provide graduate students with skills and connections they need to design and implement a community-based engineered system. Course will feature guest speakers and an end-of-semester project that links participating disciplines of Civil and Environmental Engineering, Social Work and Community Health.

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Start Time</th>
<th>Day</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>59003</td>
<td>Online</td>
<td>ARRANGED</td>
<td></td>
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<td>Gunsalus, C</td>
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</tbody>
</table>

Credit Hours: 2 hours
Teach Resp Cond of Research II
Restricted to graduate students and postdocs in the Teaching Responsible Conduct of Research program who have taken TR1. Online & Continuing Education (OCE) restrictions and assessments apply, see http://www.oce.illinois.edu. For more details on this course section, please see http://online.engineering.illinois.edu/current-students/course-information/fall-2013-credit-course-offerings