# Engineering

**ENG 498  **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. Additional fees may apply. See Class Schedule. 1 to 4 undergraduate hours. 1 to 4 graduate hours. Approved for 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>
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<td>65185</td>
<td>Lecture-Discussion</td>
<td>AL1</td>
<td>03:00 PM - 04:50 PM</td>
<td>M</td>
<td>203 - Transportation Building</td>
<td>Minsker, B</td>
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<td>65440</td>
<td>Discussion/Recitation</td>
<td>AL2</td>
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<td>Lecture</td>
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<td>Golparvar Fard, M Rogers, J Singer, A</td>
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<td>63176</td>
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<td>59282</td>
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<td>04:00 PM - 05:50 PM</td>
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Credit Hours: 2 hours
Authentic Leadership
Not intended for students with Freshman or Sophomore class standing.
Positive collective vision and movement to transform conflict, risk and uncertainty into progress and success. Mindfulness and resilience skills to improve creativity, productivity and reduce stress. Adaptive change to address risk and uncertainty. Case study through active participation in a university or non-university group activity.

Credit Hours: 1 hours
Authentic Leadership Project 1
Instructor Approval Required

Credit Hours: 2 hours
Authentic Leadership Project 2
Instructor Approval Required

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.

Credit Hours: 1 hours
ELA Leadership
Instructor Approval Required
Credit Hours: 2 hours
Mali Water Project
Students will work with community partners on projects related to water quality and access in the village of Konilo-Coura, Mali. Projects include creating a sustainable business and operations plan for a Biosand Filter Project, developing a design, operations plan, and funding proposals for a water distribution system, and cultivating relationships with nonprofit stakeholders. To gain approval, contact Valeri Werpetinski (werpetin@illinois.edu). For more information visit - http://linc.illinois.edu/mwp-mali-water-project.

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<tr>
<td>59220</td>
<td>Conference</td>
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Olin Illinois Program
Instructor Approval Required
Restricted to students in the Olin Illinois program.

Credit Hours: 1 hours
Silicon Valley Workshop
Instructor Approval Required
Introduction of entrepreneurial terms, networking skills, lean start-up methods and companies to visit during the Silicon Valley Workshop trip. The trip will expose students to various facets of technology entrepreneurship, innovation, and leadership. Silicon Valley Workshop Travel $600.00 Flat Fee.

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Larson, S
Taylor, J