Class Schedule - Spring 2005

Engineering

Engineering
Program Administrator: Keith Hjelmstad
Program Office: 206 Engineering Hall, 1308 West Green, Urbana
Phone: 333-2280
www.engr.uiuc.edu
Subjects associated with this department include: Engineering (ENG) and Technology and Management (TMGT)

ENG 199 Undergraduate Open Seminar credit: 0 TO 5 hours.
(ENG 199) May be repeated.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>34484</td>
<td>Discussion/Recitation</td>
<td>ACC</td>
<td>03:00 PM - 04:50 PM</td>
<td>R</td>
<td>241 - Everitt Laboratory</td>
<td>Finnegan, A</td>
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<td>AHH</td>
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<td>106B3 - Engineering Hall</td>
<td>Finnegan, A Haque, T</td>
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<td>165 - Everitt Laboratory</td>
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<td>34492</td>
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Credit Hours: 3 hours
Topic: Cunningham Children's Home. See www.linc.uiuc.edu

Credit Hours: 3 hours
Topic: Habitat for Humanity. See www.linc.uiuc.edu

Credit Hours: 3 hours
Topic: Home HI Middle School for girls. See www.linc.uiuc.edu

Topic: LINC: Learning in Community. See www.linc.uiuc.edu for information on selecting a discussion section.

Credit Hours: 3 hours
Topic: North South University in Bangladesh. See www.linc.uiuc.edu

Credit Hours: 3 hours
Topic: Swan Special Care Center-School. See www.linc.uiuc.edu

Credit Hours: 3 hours
Topic: TIMES Center for Homeless Men. See www.linc.uiuc.edu
ENG 201  Cooperative Engr Seminar  credit: 0 hours.
(ENG 101) Discussion seminar for on-campus cooperative education students. Topics include industrial work reports, online company card reports, on-line ABET reports, the Co-op/Internship Job Fair, the Co-op Information Night, the Co-op Society, and membership in the Co-op Honor Society. Approved for S/U grading only. Prerequisite: Enrollment as a cooperative education student

ENG 202  Cooperative Engr Practice  credit: 0 hours.
(ENG 102) Off-campus practice of engineering in government or industry. Approved for S/U grading only. Prerequisite: Enrollment as a cooperative education student.

ENG 210  Engineering Apprenticeship  credit: 0 hours.
(ENG 110) Part-time practice of engineering science in an on-campus research laboratory environment; summary report required. May be repeated. Approved for both letter and S/U grading. Prerequisite: Completion of freshman year and consent of the Director of College of Engineering Work Experience Programs.

ENG 299  Engineering Study Abroad  credit: 0 TO 15 hours.
(ENG 299) Provides campus credit for foreign study and/or provides a mechanism for engineering students to maintain continuous enrollment on this campus. If objective is study abroad for credit, a detailed proposal must be submitted by the student for approval by a committee of the department in which the student is studying and the college office prior to such study abroad. Final determination of credit and its application toward the student's degree is made after a review of the student's work abroad by the above committee and the college office. (Summer Session, 0 to 7.5 hours). Prerequisite: Completion of sophomore year in engineering; approval of student's proposed study program by his department and the college office.

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<tbody>
<tr>
<td>34515</td>
<td>Conference</td>
<td>A</td>
<td>ARRANGED -</td>
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ENG 300  Engineering Transfer Lecture  credit: 0 hours.

(ENG 200) Required of off-campus transfer students in the College of Engineering. Meets for first three weeks of each term; selected topics Approved for S/U grading only.

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<th>Instructor</th>
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<tbody>
<tr>
<td>34509</td>
<td>Lecture-Discussion</td>
<td>T</td>
<td>05:00 PM - 05:50 PM</td>
<td>W</td>
<td>228 - Natural History Building</td>
<td>Wenzel, H</td>
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(ENG 200) Required of off-campus transfer students in the College of Engineering. Meets for first three weeks of each term; selected topics Approved for S/U grading only.

ENG 310  Engineering Internship  credit: 0 hours.

(ENG 210) Full-time practice of engineering in an off-campus industrial or research laboratory environment. Work report, on-line Company Card Report, and on-line ABET report required. Approved for S/U grading only. Prerequisite: Completion of freshman year or consent of Director of the College of Engineering Work Experience Programs

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<th>Location</th>
<th>Instructor</th>
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<td>34511</td>
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<td>ARRANGED -</td>
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<td>Beavers, J</td>
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(ENG 210) Full-time practice of engineering in an off-campus industrial or research laboratory environment. Work report, on-line Company Card Report, and on-line ABET report required. It is expected that students enrolling in this course for Fall or Spring Semesters will work at least 12 weeks during the semester, and students enrolling for Summer will work at least 8 weeks during summer. Approved for S/U grading only. Prerequisite: Completion of freshman year or consent of Director of Engineering Career Services.

ENG 491  Interdisciplinary Design Proj  credit: 1 TO 4 hours.
The course objective is to provide a disciplined, multi-department project design experience. Teams work on projects with team objectives that have an overall (or major phase) completion date at the end of the semester. Students participate in engineering activities with individual as well as team responsibilities. The projects involve project specification through a proposal, analyses of cost and other tradeoffs among alternative designs, design review, fabrication and assembly, functional and environmental testing, and demonstrations (as applicable). Presentations are made and reports are given at the end of each semester. Lecture-lab format. Prerequisite: Senior standing; consent of section instructor. 1 to 4 undergraduate hours. May be repeated once.

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<tr>
<td>39190</td>
<td>Laboratory</td>
<td>470</td>
<td>03:00 PM - 05:50 PM</td>
<td>M</td>
<td>253 - Mechanical</td>
<td>Miller, N</td>
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</table>
Credit Hours: 3 hours  
Formula SAE design course. 3 hours

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<th>CRN</th>
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<tbody>
<tr>
<td>41432</td>
<td>Laboratory</td>
<td>CU2</td>
<td>ARRANGED -</td>
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<td>Swenson, G</td>
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Variable Credit: 1, 2 or 3 hours

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<td>Laboratory</td>
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<td>50 - Everitt Laboratory</td>
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Credit Hours: 3 hours

**ENG 510  Engineering Practice**  credit: 0 hours.  
(ENG 410) Practice type course. May be repeated. Approved for S/U grading only. Prerequisite: Graduate student standing or consent of Director of College of Engineering Work Experience Programs.

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<td>Beavers, J</td>
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</table>

(ENG 410) Practice type course. May be repeated. It is expected that students enrolling in this course for Fall or Spring Semesters will work at least 12 weeks during the semester, and students enrolling for Summer will work at least 8 weeks during summer. Approved for S/U grading only. Prerequisite: Graduate student standing or consent of Director of Engineering Career Services.