### Engineering

**ENG 199  Undergraduate Open Seminar**  credit: 0 TO 5 hours.
Approved for both letter and S/U grading. 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>
</tr>
</thead>
<tbody>
<tr>
<td>50388</td>
<td>Lecture-Discussion</td>
<td>M</td>
<td>04:00 PM - 05:15 PM</td>
<td>T</td>
<td>218 - Mechanical Engineering Bldg</td>
<td>Favila, I</td>
</tr>
</tbody>
</table>

Credit Hours: 1 hours
MEP Mentoring
Instructor Approval Required
This class is designed to facilitate student success in the engineering curriculum. Students will commit themselves to their academic and personal development, adapt and integrate themselves in the College of Engineering, and learn about their engineering discipline.

| 52924   | Conference           | MCE     | ARRANGED -      | -    | -                               | Finis, T   |

Credit Hours: 4 hours
Multicultural Experiences
Instructor Approval Required
Multicultural experiences for foreign exchange students to the University of Illinois College of Engineering. Includes campus/college orientation, language and culture related to technical studies, visits to engineering courses, and technical field trips.

| 58917   | Lecture-Discussion   | PP      | 05:00 PM - 06:50 PM | M    | 106B8 - Engineering Hall         | Waranyuwat, K |

Pathway Orientation
Instructor Approval Required
Restricted to Parkland Pathway students. Class meets 22 Oct through 12 Dec.
Restricted to First Time Freshman students.

| 58527   | Lecture-Discussion   | SPV     | 12:00 PM - 12:50 PM | W    | 406B1 - Engineering Hall         | Larson, S Wolters, A |

Credit Hours: 1 hours
Spatial Visualization
Instructor Approval Required
Meets 24-Sep-12 - 12-Dec-12.
This course is an opportunity for skill enhancement through hands-on learning. Practice 3D spatial visualization skills through work with isometric sketching, orthographic projections, object rotation, reflections and symmetry, solid cross-sections, revolution of surface and solids, and combination of solids. Recommended for students intending to take or in GE 101 or ME 170.
Restricted to First Time Freshman students.

| 50330   | Lecture              | UGR     | 12:00 PM - 12:50 PM | W    | 103 - Transportation Building    | Larson, S  |

Credit Hours: 1 hours
Undergrad Research Seminar
Topic: Undergraduate Research This course will introduce undergraduate students to how engineers and scientists approach research, communicate their ideas and results, and are trained. The course will spotlight some of the engineering research currently on campus and provide some background preparation for students interested in taking part in research as an undergraduate. This course is open to all undergraduates in science, technology, engineering, and math. It is a requirement for students participating in the ISUR program for the first time. Not intended for First Time Freshman students.

<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>57908</td>
<td>Lecture</td>
<td>12:00 PM - 12:50 PM</td>
<td>W</td>
<td>103 - Transportation Building</td>
<td>Larson, S</td>
</tr>
</tbody>
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Credit Hours: 1 hours
Freshman Ugr Research Seminar
Meets 24-Sep-12 - 12-Dec-12.
Restricted to first year students.
Restricted to First Time Freshman students.