## Engineering

**ENG 198  Special Topics  credit: 0 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. Approved for both 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>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>51200</td>
<td>Lecture-Discussion</td>
<td>BTB</td>
<td>02:00 PM - 03:20 PM</td>
<td>R</td>
<td>313 - Davenport Hall</td>
<td>Gast, E Litchfield, J</td>
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Credit Hours: 1 hours
Bringing Ideas to Be
Bringing Ideas to Be. Examine the steps from knowing to doing. Practice techniques and processes to overcome obstacles - personal, group, and external - that inhibit creativity. Develop new routines, lifestyle changes, and skills to be more effective in bringing ideas to be. Open to all majors and levels.

| 53645 | Lecture-Discussion   | JS1     | 04:00 PM - 04:50 PM | T    | 1214 - Siebel Center for Comp Sci | Ravaioli, U |

Credit Hours: 2 hours
Restricted to Engineering.
The World of Nanotechnology. Nanotechnology is an emerging interdisciplinary field with great potential for scientific innovation. There are, however, many misconceptions generated by popular fiction and the media. This course will provide a survey of the field with information on careers in nanotechnology as well as opportunities for undergraduate research on campus. In addition to the lectures, students will experiment with a variety of on-line tools and will work on team projects and independent study assignments. This course is reserved for freshman James Scholar students in the College of Engineering and it fulfills the freshman honors requirement.

| 53646 | Lecture-Discussion   | JS2     | 04:00 PM - 04:50 PM | M    | 260 - Everitt Laboratory | Ravaioli, U |

Credit Hours: 2 hours
Restricted to Engineering.
Introduction to Research. Research is a wonderful way to fulfill honors requirements. The purpose of this course is to introduce students to research methodologies, to survey the outstanding opportunities available in the College of Engineering, and to help plan for an upper-class honors contract including research. In addition to the lectures, students will also work on team projects and independent study assignments. This course is reserved for freshman James Scholar students in the College of Engineering and it fulfills the freshman honors requirement.

| 61014 | Lecture-Discussion   | PCA     | 06:00 PM - 07:50 PM | R    | -                         | Hyman, K    |

Credit Hours: 1 hours
Project Cadet
Instructor Approval Required
Meets 29-Jan-14 - 21-Mar-14.
Project Cadet.