IE 498  **Special Topics**  credit: 1 TO 4 hours.
Subject offerings of new and developing areas of knowledge in industrial engineering intended to augment the existing curriculum. See Class Schedule or departmental course information for topics and prerequisites. 1 to 4 undergraduate hours. 1 to 4 graduate hours. May be repeated in the same or separate terms if topics vary to a maximum of 9 hours.

<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>70464</td>
<td>Lecture-Discussion</td>
<td>C1</td>
<td>05:00 PM - 06:20 PM</td>
<td>TR</td>
<td>114 - Transportation Building</td>
<td>Garg, J</td>
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<tr>
<td>70465</td>
<td>Lecture-Discussion</td>
<td>C2</td>
<td>05:00 PM - 06:20 PM</td>
<td>TR</td>
<td>114 - Transportation Building</td>
<td>Garg, J</td>
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</tbody>
</table>

Credit Hours: 3 hours
Cmptng for ISE
Restricted to students in the Industrial&Enterprise Sys Eng department.
Restricted to students with Senior class standing.
Prerequisite: CS 101 or equivalent, IE 310 or equivalent. Description: This course will introduce students to algorithm design, computer programming in C++, and database SQL queries. It will provide the fundamental methods, concepts, and principles of these topics to give students enough breadth to use these techniques in their jobs and to prepare them to pursue advanced topics in these areas. There will be weekly programming assignments to implement algorithms and SQL covered in the class.

Credit Hours: 4 hours
Cmptng for ISE
Restricted to Graduate - Urbana-Champaign.
Prerequisite: CS 101 or equivalent, IE 310 or equivalent. Description: This course will introduce students to algorithm design, computer programming in C++, and database SQL queries. It will provide the fundamental methods, concepts, and principles of these topics to give students enough breadth to use these techniques in their jobs and to prepare them to pursue advanced topics in these areas. There will be weekly programming assignments to implement algorithms and SQL covered in the class.