Class Schedule - Spring 2018

## Industrial Engineering

### IE 431  Design for Six Sigma  credit: 3 hours.

Quality Engineering principles and the Six Sigma Define-Measure-Analyze-Improve-Control (DMAIC) process. Application of concepts and methods of statistical process control, designed experiments, and measurement systems analysis to cases of quality and productivity improvement; application of the fundamentals of quality engineering and the Six Sigma to areas of product development, service enterprise, and manufacturing processes. 3 undergraduate hours. 3 graduate hours. Prerequisite: IE 300.

<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>50867</td>
<td>Lecture-Discussion</td>
<td>A</td>
<td>10:00 AM - 11:20 AM</td>
<td>MW</td>
<td>101 - Transportation Building</td>
<td>Kim, H</td>
</tr>
</tbody>
</table>

Credit Hours: 3 hours
Restricted to students in the Industrial & Enterprise Sys Eng department.
Restricted to students with Senior or Graduate class standing.
Undergraduates must be seniors that will be graduating at the end of the current semester (in May), at the end of the summer term (in August) or in the following semester (in December).

| 51449  | Online                | ONL     | ARRANGED -         | -    | -                   | Kim, H     |

Restricted to online non-degree, online MCS, online MSAE, online MSME, and online MSCE students. For more details on this course section, please see http://engineering.illinois.edu/online/courses/.