Engineering 5:
Introduction to Engineering Practice

Information and Systems Engineering Project
Introduction

Dr. Ted Ralphs
**Administrivia**

- Welcome!
- My office is Mohler 473.
- My e-mail is tkr2.
- My office hours are WF 12-2 and by appointment.
- Teaching Assistants
  - Ashutosh Mahajan (asm4)
  - Chris Gerlach (clg2)
  - Elianna Lam (el12)
  - Purvish Shah (pcs4)
How is this going to work?

- There are 20 students assigned to this project.
- You will be working in groups of four.
- A TA will be assigned to work with your group.
- Class attendance is mandatory.
- At the beginning of most classes, I will make a short presentation and answer questions.
- You will have the rest of the class to work with the TAs in the lab.
- The project will be open-ended and you can take it in whatever direction you want to.
A Few Quick Notes

• This is my first time doing **Engineering 5**.

• I’ve done my best to plan a **fun** project, but please let me know how it can be improved!

• I’d like to get to know you, so stop by my office and chat if you get the chance.

• All materials will be posted on the course Web site

  [www.lehigh.edu/~tkr2/teaching/eng5](http://www.lehigh.edu/~tkr2/teaching/eng5)

• Please check the Web site frequently for materials and announcements.

• The Web site will also contain pointers to relevant external materials.
## Rough Schedule of Events

<table>
<thead>
<tr>
<th>Week</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Introduction to ISE&lt;br&gt;Project overview&lt;br&gt;Meeting with registrar&lt;br&gt;Initial project planning</td>
</tr>
<tr>
<td>Week 2</td>
<td>Introduction to Excel solver&lt;br&gt;Introduction to modeling&lt;br&gt;Final project planning&lt;br&gt;Project execution</td>
</tr>
<tr>
<td>Week 3</td>
<td>Advanced features of Excel solver&lt;br&gt;Project execution</td>
</tr>
<tr>
<td>Week 4</td>
<td>Complete project execution</td>
</tr>
<tr>
<td>Week 5</td>
<td>Prepare presentations&lt;br&gt;Present projects</td>
</tr>
</tbody>
</table>
Here are the project groups.

<table>
<thead>
<tr>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
<th>Group 4</th>
<th>Group 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hwang</td>
<td>Gleason</td>
<td>Cohn</td>
<td>Halle</td>
<td>Cassebeer</td>
</tr>
<tr>
<td>Iqbal</td>
<td>Chen</td>
<td>Goldstein</td>
<td>Hong</td>
<td>Bastelli</td>
</tr>
<tr>
<td>Boblenz</td>
<td>Drennan</td>
<td>Wulf</td>
<td>Gentsch</td>
<td>Govoni</td>
</tr>
<tr>
<td>Dedes</td>
<td>Chesnick</td>
<td>Ellis</td>
<td>Capell</td>
<td>Howie</td>
</tr>
</tbody>
</table>

The first group to figure out how I divided up the groups will win a prize.