This course introduces students to the discipline of software engineering, with focus on principles, processes, and techniques of conducting software engineering tasks related to constructing, maintaining, and testing software. By the end of the course, students will be able to explain what processes or techniques are available for conducting a software engineering task, and choose appropriate processes or techniques for such task in the given application context. Students will be able to apply a technique for a software engineering task in the given application context. To illustrate those concepts, we will be most likely contributing to iTrust, an open-source role-based healthcare web application. We will use Eclipse, a popular IDE, as a tool for working with code.

Upon successful completion of this course, students will be able to:

- Explain what processes or techniques are available for conducting a software engineering task.
- Choose appropriate processes or techniques for such task in the given application context.
- Apply a technique for a software engineering task in the given application context.

Current Announcements

We will use Piazza, not Wiki blog posts, for course communication. See Communicating with the Staff.
Recently Updated

- **T814 Testing plan**
  Dec 15, 2018 • updated by Wan, Ziang • view change

- **T-816: Use Cases**
  Dec 14, 2018 • updated by Choi, Min • view change

- **T-821**
  Dec 14, 2018 • updated by Rao, Sai Prasad • view change

- **[T-815] Coverage Information**
  Dec 14, 2018 • created by Paris Ferrer, Jordi

- **T814 UC95: Labor And Delivery Report**
  Dec 14, 2018 • updated by Wan, Ziang • view change

- **T814 UC94: Obstetrics Office Visit**
  Dec 14, 2018 • updated by Wan, Ziang • view change

- **T-814**
  Dec 14, 2018 • updated by Wan, Ziang • view change

- **T817-Final Submission**
  Dec 14, 2018 • updated by Ji, Fanyin • view change

- **T817 Documentation.pdf**
  Dec 14, 2018 • attached by Ji, Fanyin

- **image2018-12-14_16-34-27.png**
  Dec 14, 2018 • attached by Ji, Fanyin

- **T817-Final Submission**
  Dec 14, 2018 • updated by Yang, Stan • view change

- **T820 - Final Presentation**
  Dec 14, 2018 • updated by Schoening, Mia Johanna • view change

- **T820 - Final Presentation**
  Dec 14, 2018 • updated by Howe, Ian William • view change

- **T-814**
  Dec 14, 2018 • updated by Ding, Dolly • view change

- **T814 Testing plan**
  Dec 14, 2018 • updated by Wang, Hongyu • view change

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Class Schedule

**Lecture:**
Tuesdays & Thursdays
3:30pm-4:45pm
1320 Digital Computer Laboratory
<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tue, Aug 28</td>
<td>First day of class</td>
<td></td>
</tr>
<tr>
<td>Nov 17-Nov 25</td>
<td>Fall Break</td>
<td></td>
</tr>
<tr>
<td>Tue, Dec 18 8am-9:30am</td>
<td>Final exam</td>
<td>Rooms: 1310/1320 DCL</td>
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<tr>
<td></td>
<td></td>
<td>Last name: A - Leong in 1310 DCL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Last name: Li - Z in 1320 DCL</td>
</tr>
</tbody>
</table>
### Staff

**Professors:**
- Tao Xie  
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