# BLG411E – Software Engineering

**2015-2016 FALL**

| | CRN: 11769-11770 |
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| Office: | 3309<br>5309 |
| Office Hours: | http://www.tantug.com/personal/schedule<br>Tue. 09:30-12:30 |
| Assistant: | R.A. Atakan Aral<br>R.A. Bilge Süheyla Akkoca |

**References:** Object-Oriented and Classical Software Engineering, Stephen R. Schach
Software Engineering: A Practitionar's Approach, Roger S. Pressman
Software Engineering, Ian Sommerville

| Week | Topic | Homeworks/Projects |
|---|---|---|
| 15.09 | Introduction – Software Projects and Scope (Ch.1) | |
| 22.09 | HOLIDAY | |
| 29.09 | Software Processes Models and (Ch.2) | Project Charter |
| 06.10 | Agile Software Development | |
| 13.10 | Software Project Planning and Estimation (Ch.9) | |
| 20.10 | Requirements Engineering (Ch.11)<br>*Recitation: JIRA* | Project Plan |
| 27.10 | Requirements Analysis (Ch.12 - Ch.13)<br>*Recitation: BootStrap* | |
| 03.11 | Software Architectures | Requirements Spec. |
| 10.11 | Midterm Examination | |
| 17.11 | Software Design and UML (Ch.14-17)<br>*Recitation: ArgoUML* | |
| 24.11 | Software Design and Implementation (Ch.14-15)<br>*Recitation: Hibernate, Log4J* | Design Document |
| 01.12 | Software Testing (Ch.6) | |
| 08.12 | Software Quality<br>*Recitation: Junit, Mockito, JMeter* | |
| 15.12 | Postdelivery Maintenance (Ch.16) | Test Report |
| 22.12 | Project Presentations | |

## Grading

- Project: 35%
- Midterm: 25%
- Final exam: 40%.
- To enter the final exam you must attend at least 70% **AND** have at least 25 from the midterm  **AND** your project.
- At the end of the term, a total average below 40 will fail.

You can follow the course announcements, exam results and your attendance status on the  Ninova system (http://ninova.itu.edu.tr/).