

Instructor:	Assoc.Prof.Dr.Tolga Ovatman
Research Assistants:	Elif Ecem Şamlıoğlu Mekan Myradov Meryem Berfin Özkök Oğulcan Günaydın Zeynep Işık

Text Book:

- Object Oriented Software Engineering: Practical Software Development using UML and Java, Timothy C. Lethbridge and Robert Laganier, McGraw Hill, ISBN 0-07-710908-2
- Software Engineering, Ian Sommerville, Pearson, ISBN 0-13-394303-8

Lectures	Topic	ACTIVITY
02-06 Oct	Introduction - Software Projects and Software Development Lifecycle	
09-13 Oct	Agile Processes, Planning and Estimation	
16-20 Oct	Software Projects: A Quick and Complete Iteration	Project Charter
23-27 Oct	Domain and Requirements Engineering	Project Plan / Backlog
30-03 Nov	Requirements Analysis and Modeling	
06-10 Nov	UML class/sequence diagrams and Software Design - Structural/Behavioral Modeling	
13-17 Nov	Software Design Principles	
20-24 Nov	Software Design Patterns	Software Requirements Specification
27-01 Dec	Software Architecture - Architectural Patterns	Midterm
04-08 Dec	Software Architecture - Backend and Frontend Software Development	Project Interim Demo
11-15 Dec	Code Management, Versioning and Code Review	
18-20 Dec	Software Testing 1 - Unit Testing and Related Technologies	Software Design Documentation
25-29 Dec	Software Testing 2 - Beyond Unit Testing: Integration, Performance, etc.	
02-05 Jan	Software as a Product – Software Quality	Software Test Plan

Grading

- Project: %40
- Midterm: %25
- Final: %35

You can follow the course announcements and exam results from the SUCourse+ system

(<https://sucourse.sabanciuniv.edu/plus/>).