



Graduation Seminar (SE 589) Course Details

Course Name	Course Code	Term	Lecture Hours	Application Hours	Lab Hours	Credit	ECTS
Graduation Seminar	SE 589	Both	0	0	0	0	5

Pre-requisite Course(s)	
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Course Language	English
Course Type	Compulsory Departmental Courses
Course Level	Fen Bilimleri Yüksek Lisans
Mode of Delivery	Face to Face
Learning and Teaching Strategies	Lecture
Course Coordinator	
Course Lecturer(s)	

Course Assistants	
Course Objectives	The objective of this course is to foster a research culture in the department and discuss the theoretical and practical issues of conducting research and completing a graduate degree in Computer Engineering. In addition, this course is a graduation requirement for all Masters students with thesis option providing the practical skills of preparing a presentation.
Course Learning Outcomes	The students who succeeded in this course; <ul style="list-style-type: none"> • Prepare a presentation of thesis proposal including research statement, methodology and literature survey • Demonstrate the progress of the thesis proposed
Course Content	Each Master's student with thesis option, at least one semester prior to his/her thesis defense, is expected to give a presentation on his/her thesis work.

Weekly Subjects and Related Preparation Studies

Week	Subjects	Preparation
1	This is a non-lecture course. The course is organized as a number of lectures on giving presentations and a number of invited research talks.	

Sources

Other Sources:	1. Ian Sommerville, Software Engineering , Addison-Wesley, 2007, ISBN: 032131379-8
	2. Roger S. Pressman, Software Engineering:A Practitioner's Approach. McGraw-Hill Science/Engineering/Math; ISBN: 007301933X
	3. IEEE Standard for Software Project Management Plans, Std 1058-1998
	4. IEEE Standard for Software Requirement Specification, Std 830
	5. IEEE Standard for Software Design Document, Std 1016
	6. IEEE Standard for Software Test Document, Std 829

Evaluation System

Requirements	Number	Percentage of Grade
Attendance/Participation	-	-
Laboratory	-	-
Application	-	-
Field Work	-	-
Special Course Internship	-	-
Quizzes/Studio Critics	-	-
Homework Assignments	-	-
Presentation	-	-
Project	1	100
Seminar	-	-
Midterms Exams/Midterms Jury	-	-
Final Exam/Final Jury	-	-

Total	1	100
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Percentage of Semester Work	
Percentage of Final Work	100
Total	100

Course Category

Core Courses	X
Major Area Courses	
Supportive Courses	
Media and Management Skills Courses	
Transferable Skill Courses	

The Relation Between Course Learning Competencies and Program Qualifications

#	Program Qualifications / Competencies	Level of Contribution				
		1	2	3	4	5
1	An ability to apply advanced knowledge of computing and/or informatics to solve software engineering problems.					X
2	Develop solutions using different technologies, software architectures and life-cycle approaches.				X	
3	An ability to design, implement and evaluate a software system, component, process or program by using modern techniques and engineering tools required for software engineering practices.				X	
4	An ability to gather/acquire, analyze, interpret data and make decisions to understand software requirements.				X	
5	Skills of effective oral and written communication and critical thinking about a wide range of issues arising in the context of working constructively on software projects.				X	
6	An ability to access information in order to follow recent developments in science and technology and to perform scientific research or implement a project in the software engineering domain.				X	
7	An understanding of professional, legal, ethical and social issues and responsibilities related to Software Engineering.					
8	Skills in project and risk management, awareness about importance of entrepreneurship, innovation and long-term development, and recognition of international standards of excellence for software engineering practices standards and methodologies.			X		
9	An understanding about the impact of Software Engineering solutions in a global, environmental, societal and legal context while making decisions.					

10	Promote the development, adoption and sustained use of standards of excellence for software engineering practices.			X		
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ECTS/Workload Table

Activities	Number	Duration (Hours)	Total Workload
Course Hours (Including Exam Week: 16 x Total Hours)	16	2	32
Laboratory			
Application			
Special Course Internship			
Field Work			
Study Hours Out of Class	16	10	160
Presentation/Seminar Preparation	1	30	30
Project			
Homework Assignments			
Quizzes/Studio Critics			
Preparation of Midterm Exams/Midterm Jury			
Preparation of Final Exams/Final Jury			
Total Workload			222