



Course Information

Course Code	5710792
Course Section	1
Course Title	TECHNICAL COMMUNICATION FOR COMPUTER ENGINEERS II
Course Credit	1
Course ECTS	2.0
Course Catalog Description	Technical presentation essentials and good practices for engineers working in any field related to information and communication technologies, in particular, computer and software engineers. Ethical issues and intellectual property rights related to technical presentations.
Prerequisites	No prerequisites
Schedule	Not available

Instructor Information

Name/Title	Prof.Dr. TOLGA CAN
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Office Hours	By appointment

Course Objectives

The main objective of this course is to teach effective presentation skills to computer and software engineers. Another objective is to make the students aware of ethical issues and intellectual property rights related to technical presentations.

Course Learning Outcomes

At the end of this course, the students will:

- be able make effective presentations,
- have a knowledge of intellectual property rights,
- know how to avoid plagiarism.

Program Outcomes Matrix

Master's (with thesis)

Program Outcomes	Level of Contribution			
	0	1	2	3
1 Competence in fundamental and advanced knowledge of hardware and software Proficiency in problem solving.				
2 The ability to follow the contemporary technical development, and Initiative and aptitude for self-directed learning.				
3 They are capable of designing, and conducting experiments at advanced level.				
4 The ability to design and implement systems involving hardware, software, and the interaction between the two through challenging projects.				
5 Analyze and compare relative merits of alternative software design, algorithmic approaches and computer system organization, with respect to a variety of criteria relevant to the task (e. g. efficiency, scalability, security).				



Program Outcomes	Level of Contribution			
	0	1	2	3
6 Strong interpersonal skills needed for working effectively in small, diverse groups on medium to large scale technical projects.				
7 Strong oral communication skills essential for effectively presenting technical material to an audience and strong written communication skills and the ability to write technical documents that include specification, design, and implementation of a major project.				

Doctoral

Program Outcomes	Level of Contribution			
	0	1	2	3
1 Competence in fundamental and advanced knowledge of hardware and software Proficiency in problem solving.				
2 The ability to follow the contemporary technical development, and Initiative and aptitude for self-directed learning.				
3 They are capable of designing, and conducting experiments at advanced level.				
4 The ability to design and implement systems involving hardware, software, and the interaction between the two through challenging projects.				
5 Analyze and compare relative merits of alternative software design, algorithmic approaches and computer system organization, with respect to a variety of criteria relevant to the task (e. g. efficiency, scalability, security).				
6 Strong interpersonal skills needed for working effectively in small, diverse groups on medium to large scale technical projects.				
7 Strong oral communication skills essential for effectively presenting technical material to an audience and strong written communication skills and the ability to write technical documents that include specification, design, and implementation of a major project.				

Non- Thesis Master's (Evening)

Program Outcomes	Level of Contribution			
	0	1	2	3
1 Competence in fundamental and advanced knowledge of hardware and software Proficiency in problem solving.				
2 The ability to follow the contemporary technical development, and Initiative and aptitude for self-directed learning.				
3 They are capable of designing, and conducting experiments at advanced level.				
4 The ability to design and implement systems involving hardware, software, and the interaction between the two through challenging projects.				



Program Outcomes	Level of Contribution			
	0	1	2	3
5 Analyze and compare relative merits of alternative software design, algorithmic approaches and computer system organization, with respect to a variety of criteria relevant to the task (e. g. efficiency, scalability, security).				
6 Strong interpersonal skills needed for working effectively in small, diverse groups on medium to large scale technical projects.				
7 Strong oral communication skills essential for effectively presenting technical material to an audience and strong written communication skills and the ability to write technical documents that include specification, design, and implementation of a major project.				

0: No Contribution 1: Little Contribution 2: Partial Contribution 3: Full Contribution

Instructional Methods

Weekly lectures, student presentations.

Tentative Weekly Outline

Week	Topic	Relevant Reading	Assignments
1	How to make effective presentations		
2	Ethical issues in information technologies. Intellectual property rights. How to avoid plagiarism.		
3	Student presentations (12 weeks) and feedback on presentations.		

Course Textbook(s)

None.

Course Material(s) and Reading(s)

Material(s)

Handouts.

Reading(s)

Handouts.

Supplementary Readings / Resources / E-Resources

Readings

None.

Assessment of Student Learning

Assessment	Dates or deadlines
Course presentations.	



Course Grading

Deliverable	Grade Points
Course presentation.	100
Total	100

Course Policies

Class Participation

Making a presentation is required.

Information for Students with Disabilities

Students who experience difficulties due to their disabilities and wish to obtain academic adjustments and/or auxiliary aids must contact ODTU Disability Support Office and/or course instructor and the advisor of students with disabilities at academic departments (for the list: <http://engelsiz.metu.edu.tr/en/advisor-students-disabilities>) as soon as possible. For detailed information, please visit the website of Disability Support Office: <https://engelsiz.metu.edu.tr/en/>

Academic Honesty

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