resource research and use other sources of information.  3. He will be able to gain the ability to monitor the developments in th topics discussed and to constantly update his knowledge.	Prerequisite C Language of t Course Level Type of Course Course Coord Instructors	Courses the Course	English		8	2 +2	3	3				
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Undergraduate	Course Level Type of Course Course Coord Instructors Course Assist	se										
Type of Course Coordinator   Instructors	Type of Course Course Coord Instructors Course Assist:		Lindorgraduate	English								
Course Assistants	Course Coord Instructors Course Assists			2								
Course Assistants	Instructors Course Assist		Optional									
Course Assistants The aim of lesson Learning how the process in a scientific research works and how a scientific reposshould be prepared. Introduction, Scientific ethics and research ethics; research and scientific methods cientific research process; access to scientific information, types and structures of academic reports; use of language, figures and tables in academic reports; academic writing rules: writing papers, articles, technical reports and thesis; Citation include information about scientific presentation techniques.  Students who successfully complete this course; Outcomes  Students who successfully complete this course; I. Will be able to conduct research on research topics specific to Softwar Engineering. 2. Within the scope of academic research techniques; will be able to deresource research and use other sources of information. 3. He will be able to gain the ability to monitor the developments in the topics discussed and to constantly update his knowledge. 4. Will be able to gain awareness of professional and transfer knowledge in Turkish/English on the researched subjects.  Will be able to gain awareness of professional and ethical responsibility.  Weeks  Topics  one Introduction to Academic Writing and Presentation  2. Scientific Ethics 3. Research Ethics 4. Research and Scientific Method 5. Access to Scientific Information 6. Academic Report Types, Characteristics and Structures 7. Use of Language, Figures and Tables in Academic Reports 8. Academic Writing: Paper, Article, Technical Report 10. Scientific Presentation Techniques: Basic Information, Visual Features of Presentation, 11th Scientific Presentation Techniques: Planning, Preparation and Making of the Presentation 12. Student Presentations 13. Student Presentations	Course Assist	linator										
Learning how the process in a scientific research works and how a scientific repositional process in the process of the process in a scientific research works and how a scientific repositional process. Introduction, Scientific ethics and research ethics; research and scientific methods scientific research process; access to scientific information, types and structures of academic reports; use of language, figures and tables in academic reports; academic writing rules: writing papers, articles, technical reports and thesis; Citation include information about scientific presentation techniques.    Students who successfully complete this course; Outcomes												
Should be prepared.  Introduction, Scientific ethics and research ethics; research and scientific methods scientific research process; access to scientific information, types and structures of academic reports; use of language, figures and tables in academic reports; academic writing rules: writing papers, articles, technical reports and thesis; Citation include information about scientific presentation techniques.  Course Learning Outcomes  Students who successfully complete this course;  1. Will be able to conduct research on research topics specific to Softwar Engineering.  2. Within the scope of academic research techniques; will be able to do resource research and use other sources of information.  3. He will be able to gain the ability to monitor the developments in the topics discussed and to constantly update his knowledge.  4. Will be able to make effective presentations and transfer knowledge in Turkish/English on the researched subjects.  5. Will be able to gain awareness of professional and ethical responsibility.  Weeks  Topics  One  Introduction to Academic Writing and Presentation  2. Scientific Ethics  3. Research Ethics  4. Research and Scientific Method  5. Access to Scientific Information  6. Academic Report Types, Characteristics and Structures  7. Use of Language, Figures and Tables in Academic Reports  8. Academic Writing: Paper, Article, Technical Report  9. Academic Writing: Paper, Article, Technical Report  10. Scientific Presentation Techniques: Basic Information, Visual Features of Presentation, Student Presentations  12. Student Presentations  13. Student Presentations  14. Student Presentations	The aim of les		T . 1	.9	• .• .•		1 11	•				
Introduction, Scientific ethics and research ethics; research and scientific methods scientific research process; access to scientific information, types and structures of academic reports; use of language, figures and tables in academic reports; academic writing rules; writing papers, articles, technical reports and thesis; Citation include information about scientific presentation techniques.    Course Learning Outcomes		sson			n a scientific i	esearch woi	ks and how	a scientific repor				
Students who successfully complete this course;   1. Will be able to conduct research on research topics specific to Software Engineering.     2. Within the scope of academic research techniques; will be able to deresource research and use other sources of information.     3. He will be able to gain the ability to monitor the developments in the topics discussed and to constantly update his knowledge.     4. Will be able to make effective presentations and transfer knowledge in Turkish/English on the researched subjects.     5. Will be able to gain awareness of professional and ethical responsibility.	<b>Course Conte</b>	nt	Introduction, S scientific resear academic report writing rules:	Scientific ethic arch process; rts; use of lan writing papers	access to scie guage, figure s, articles, tec	ntific informs and tables hnical report	nation, types in academic 1	and structures o reports; academic				
1. Will be able to conduct research on research topics specific to Softwar Engineering.  2. Within the scope of academic research techniques; will be able to describe the resource research and use other sources of information.  3. He will be able to gain the ability to monitor the developments in the topics discussed and to constantly update his knowledge.  4. Will be able to make effective presentations and transfer knowledge in Turkish/English on the researched subjects.  5. Will be able to gain awareness of professional and ethical responsibility.  Weeks  Topics  one Introduction to Academic Writing and Presentation  2. Scientific Ethics  3. Research Ethics  4. Research and Scientific Method  5. Access to Scientific Information  6. Academic Report Types, Characteristics and Structures  7. Use of Language, Figures and Tables in Academic Reports  8. Academic Writing: Paper, Article, Technical Report  9. Academic Writing: Paper, Article, Technical Report  10. Scientific Presentation Techniques: Basic Information, Visual Features of Presentation,  11th  12. Student Presentations  13. Student Presentations  14. Student Presentations  15. Will be able to gain the ability to monitor the developments in the topics discussed and to constantly update his knowledge in the presentation of the presentation and Making of the Presentation  16. Student Presentations  17. Student Presentations  18. Student Presentations  19. Student Presentations	Course Learn	ing										
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2 Scientific Ethics 3 Research Ethics 4 Research and Scientific Method 5 Access to Scientific Information 6 Academic Report Types, Characteristics and Structures 7 Use of Language, Figures and Tables in Academic Reports 8 Academic Writing: Paper, Article, Technical Report 9 Academic Writing: Paper, Article, Technical Report 10 Scientific Presentation Techniques: Basic Information, Visual Features of Presentation, 11th Scientific Presentation Techniques: Planning, Preparation and Making of the Presentation 12 Student Presentations 13 Student Presentations 14 Student Presentations	Weeks											
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Tuse of Language, Figures and Tables in Academic Report  Academic Writing: Paper, Article, Technical Report  Academic Writing: Paper, Article, Technical Report  Scientific Presentation Techniques: Basic Information, Visual Features of Presentation,  Scientific Presentation Techniques: Planning, Preparation and Making of the Presentation  Student Presentations  Student Presentations  Student Presentations	6				nd Structures							
8 Academic Writing: Paper, Article, Technical Report 9 Academic Writing: Paper, Article, Technical Report 10 Scientific Presentation Techniques: Basic Information, Visual Features of Presentation, 11th Scientific Presentation Techniques: Planning, Preparation and Making of the Presentation 12 Student Presentations 13 Student Presentations 14 Student Presentations	7											
9 Academic Writing: Paper, Article, Technical Report  10 Scientific Presentation Techniques: Basic Information, Visual Features of Presentation,  11th Scientific Presentation Techniques: Planning, Preparation and Making of the Presentation  12 Student Presentations  13 Student Presentations  14 Student Presentations												
10 Scientific Presentation Techniques: Basic Information, Visual Features of Presentation, 11th Scientific Presentation Techniques: Planning, Preparation and Making of the Presentation 12 Student Presentations 13 Student Presentations 14 Student Presentations												
11th Scientific Presentation Techniques: Planning, Preparation and Making of the Presentation  12 Student Presentations  13 Student Presentations  14 Student Presentations												
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13 Student Presentations 14 Student Presentations 15 Student Presentations		Scientific Pre	sentation Techn	iques: Plannii	ng, Preparatio	n and Makir	ng of the Pres	entation				
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15 Student Presentations	14	Student Presentations										
	15	Student Prese	entations									

To be able to learn how the process in a scientific research works and how a scientific report should be prepared.

## resources

- P. Vesilind , A. Gun ," Engineering Ethics and the Environment", Cambridge University Press , 1st edition , 1998, ISBN-13: 978-0521589185
- R. Arıkan, "Research Techniques and Report Preparation", Ankara: Asil Yayın Dağıtım, 2004, ISBN: 9789758784356

## **Evaluation System**

The dates, days and hours of the Midterm Exam, Quiz, Final Exam and Evaluations will be announced later, according to the decision of the Faculty Administrative Board.

	WITH PROGRAM LEARNING OUTCOMES										
	COURSE LEARNING OUTCOMES RELATIONSHIP TABLE										
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
LO1	3	3	3	3	5	3	5	3	3	3	3
INCR	3	3	3	3	5	3	5	3	3	3	3
EASE											
2											
INCR	3	3	3	3	5	3	5	3	3	3	3
EASE											
3											
INCR	3	3	3	3	5	3	5	3	3	3	3
EASE											
4											
LO5	3	3	3	3	5	3	5	3	3	3	3
LO: Learning Outcomes OP: Program Outcomes											
Contri bution Level	1 Very L	ery Low 2 Low		3 Media	3 Medium		4 High		5 Very High		

## **Relation of Program Outcomes and Related Course**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Academic	3	3	3	3	5	3	5	3	3	3	3
Writing											