



# ESOGÜ Electrical-Electronics Engineering Department

**COURSE CODE:** 151222136 - 151242136

**COURSE TITLE:** Technical Writing

Semester	Weekly Hours		COURSE				
	Theoretical	Practical	Credits	ECTS	Type	Language	
2	3	0	3	4	Compulsory ( x) Elective ( )	Turkish ( ) English (x)	
Write the credit (for non-credit courses weekly hours) below (If necessary distribute the credits.).							
<b>Math and Basic Science</b>		<b>Electrical Engineering</b> [mark (x) if there is high design content]		<b>General Education</b>	<b>Humanities</b>		
		( )		3			
<b>Assessment</b>		<b>THEORETICAL-PRACTICAL COURSES</b>			<b>LABORATORY COURSES</b>		
<b>Midterm</b>		<b>Type</b>	<b>Number</b>	<b>%</b>	<b>Activity Type</b>	<b>Number</b>	<b>%</b>
		Midterm	1	30	Quiz		
		Quiz			Lab performance		
		Homework	5	30	Report		
		Project			Oral exam		
<b>Final</b>				40			
<b>Makeup exam (Oral/Written)</b>							
<b>Prerequisites</b>		Expository Writing					
<b>Brief content of the course</b>		Borrowing information from sources, direct quote, paraphrase, summary, in-text citations, use of index cards, reliability of the sources, outline, introduction paragraph, body and conclusion paragraphs, MLA style for references, page layout, writing a 5-6 page paper on topics related to health, environment and energy sources.					
<b>Objectives of the course</b>		Teaching how to access sources Teaching how to cite and document sources Teaching how to write an academic paper Awareness about plagiarism Writing a paper on current issues that concern the society including health, environment and energy issues.					
<b>Contribution of the course towards professional education</b>		Development of written communication skills, Introduction to Professional authorship Acquiring awareness about environment, health and energy issues through the research and writing					
<b>Outcomes of the course</b>		Development of writing skills for summaries, paraphrases, and direct quotes, planning for a paper, and documenting the sources that the information is borrowed from.					
<b>Textbook of the course</b>		Dartmouth University Online Writing Materials for Students by Karen Gocsik, 2004.					
<b>Other reference books</b>		Ellen Lipp, <i>From Paragraph to Term Paper</i> , Macmillan, James D. Lester, <i>Writing Research Papers: A Complete Guide</i> , Addison Wesley, 1998					
<b>Required material for the course</b>		30 index cards Ruled sheets of paper					

WEEKLY PLAN OF THE COURSE	
Week	Topics
1	Introduction to the course
2	Sources of Information
3	Critical analysis of sources
4	Borrowing information from sources
5	Forms of borrowed information
6	Blending source information into own writing
7	Research for the topic
8	Midterm
9	Midterm
10	Developing a thesis statement
11	Planning and Organization
12	Synthesis
13	Revision
14	Printed page format and course review
15,16	Final Exam

### Contribution of the course to the program outcomes

NO	OUTCOMES OF THE PROGRAM	4	3	2	1
1	Adequate knowledge of mathematics, science and Electrical and Electronic Engineering; ability to practice theoretical and practical knowledge of these areas into modeling and solving problems of Electrical and Electronic Engineering				X
2	Ability to identify complex engineering problems in Electrical and Electronic Engineering and related fields, for this purpose having skills to formulate, select and apply appropriate methods.				X
3	Having skills to apply modern design methods to design a complex system, equipment or product that should work under realistic conditions and constraints and satisfy specific requirements concerning the Electrical and Electronic Engineering.				X
4	Having skills to develop, select and apply modern techniques and tools needed for Electrical and Electronic Engineering applications, skills to use information technology effectively.				X
5	Skills to design and conduct tests, collect data, analyze results, and interpret data for the experimental investigation of Electrical and Electronic Engineering problems				X
6	Ability to function effectively as an individual and as a member of teams within the discipline and in multidiscipline areas.				X
7	Communicating effectively in oral and written form both in Turkish and English.	X			
8	Awareness of the necessity of lifelong learning, access to information, monitoring developments in science and technology and the ability to self-renewing	X			
9	Understanding of professional and ethical responsibility				X
10	Information on project management, change management and risk management practices, awareness on entrepreneurship, innovation and sustainable development.				X
11	Information about universal and societal effects of engineering applications on health, safety and environment; awareness of the legal consequences of engineering solutions.	X			

### Scale for assessing the contribution of the course to the program outcomes:

**4: High                      3: Medium                      2: Low                      1:None**

### Name of Instructor(s):

Prof. Dr. Hasan H. Erkaya

### Signature(s):

**Date:**