

Electrical and Electronic Engineering (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

## Course Introduction and Application Information

Course Code:	DIL513						
Course Name:	English for Specific Purposes 3						
Semester:	Spring Fall						
Course Credits:	<table border="1"> <tr> <td>ECTS</td> </tr> <tr> <td>5</td> </tr> </table>			ECTS	5		
ECTS							
5							
Language of instruction:	English						
Course Condition:							
Does the Course Require Work Experience?:	No						
Type of course:	University Elective						
Course Level:	<table border="1"> <tr> <td>Bachelor</td> <td>TR-NQF-HE:6. Master`s Degree</td> <td>QF- EHEA:First Cycle</td> <td>EQF-LLL:6. Master`s Degree</td> </tr> </table>			Bachelor	TR-NQF-HE:6. Master`s Degree	QF- EHEA:First Cycle	EQF-LLL:6. Master`s Degree
Bachelor	TR-NQF-HE:6. Master`s Degree	QF- EHEA:First Cycle	EQF-LLL:6. Master`s Degree				
Mode of Delivery:	Face to face						
Course Coordinator:	Eđitim Danıřmanı GÜLřAH ERDAř						
Course Lecturer(s):							

Course Assistants:	

### Course Objective and Content

Course Objectives:	This academic course is for undergraduate students. Materials prepared by our lecturers are used during the classes and upper-intermediate level of English is aimed to be obtained. The courses are about the latest developments and studies in Natural and Social Sciences Fields and basic concepts are covered according to their needs during the classes.
Course Content:	Reading, speaking, listening and writing activities related with the students fields according to their level of English.

### Learning Outcomes

The students who have succeeded in this course;
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- 1) Students learn the vocabulary about their departments
- 2) Students read articles and reading texts about their own departments
- 3) Students learn how to write essays and articles about the related topics of their departments
- 4) Students do audio-visual activities
- 5) Students do researches about their own fields and do presentations and projects as homework

### Course Flow Plan

Week	Subject	Related Preparation
1)	basic information about the profession	
1)	occupational analysis	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
2)	recognition of the profession	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
3)	Detailed definitions about the profession	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
4)	Detailed definitions about the profession	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
5)	Occupational areas and working conditions in the field	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
6)	Professional tools and terms used in the field	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
7)	Research and presentation techniques related with their fields	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
8)	mid-term exam week	
9)	Occupational theories and concepts	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
10)	Occupational theories and concepts	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
11)	occupational analysis and professional studies	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
12)	Occupational analysis and researches	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
13)	Scientific ethics	Authentic and original materials prepared by the lecturers of

		the Foreign Languages Department
14)	Current developments in the field	Authentic and original materials prepared by the lecturers of the Foreign Languages Department
15)	final exam week	
16)	final exam week	

## Sources

Course Notes / Textbooks:	öğretim görevlilerimiz tarafından tamamen öğrencilerimizin alanlarına yönelik olarak hazırlanmış kitapçıklar.
References:	çeşitli sitelerinden konular ile ilgili ilişkili kullanılacak kaynaklar ve öğrencilerin alanlarına yönelik gelişmeleri yakından takip edebilecekleri siteleri, güncel makale ve araştırmalar.

## Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5
Program Outcomes					
1) Adequate knowledge in mathematics, science and Electrical and Electronics engineering; the ability to use theoretical and practical knowledge in these areas in complex engineering problems.					
2) Ability to identify, formulate, and solve complex electrical and electronics engineering problems; ability to select and apply appropriate analysis and modeling methods for this purpose.					
3) Ability to design a complex circuit, device or system to meet specific requirements under realistic constraints and conditions; ability to apply modern design methods for this purpose.					
4) Ability to develop, select and use modern techniques and tools necessary for the analysis and solution of complex problems encountered in electrical and electronics engineering applications; ability to use information technologies effectively.					
5) Ability to design, conduct experiments, collect data, analyze and interpret results for the study of complex engineering problems or electrical and electronics engineering research topics.					
6) Ability to work effectively within and multidisciplinary teams; individual study skills.					
7) Ability to communicate effectively orally and in writing; knowledge of at least one					

foreign language; ability to write effective reports and understand written reports, to prepare design and production reports, to make effective presentations, to give and receive clear and understandable instructions.	1	2	3	4	5
8) Awareness of the necessity of lifelong learning; ability to access information, to follow developments in science and technology and to renew continuously.					
9) To act in accordance with ethical principles, professional and ethical responsibility; information on the standards used in electrical and electronics engineering applications.					
10) Information on business practices such as project management, risk management and change management; awareness of entrepreneurship and innovation; information about sustainable development.					
11) Knowledge of the effects of electrical and electronics engineering practices on health, environment and safety in the universal and social scale and the problems of the era reflected in electrical and electronics engineering; awareness of the legal consequences of electrical and electronics engineering solutions.					

### Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Adequate knowledge in mathematics, science and Electrical and Electronics engineering; the ability to use theoretical and practical knowledge in these areas in complex engineering problems.	
2)	Ability to identify, formulate, and solve complex electrical and electronics engineering problems; ability to select and apply appropriate analysis and modeling methods for this purpose.	
3)	Ability to design a complex circuit, device or system to meet specific requirements under realistic constraints and conditions; ability to apply modern design methods for this purpose.	
4)	Ability to develop, select and use modern techniques and tools necessary for the analysis and solution of complex problems encountered in electrical and electronics engineering applications; ability to use information technologies effectively.	
5)	Ability to design, conduct experiments, collect data, analyze and interpret results for the study of complex engineering problems or electrical and electronics engineering research	

	topics.	
6)	Ability to work effectively within and multidisciplinary teams; individual study skills.	
7)	Ability to communicate effectively orally and in writing; knowledge of at least one foreign language; ability to write effective reports and understand written reports, to prepare design and production reports, to make effective presentations, to give and receive clear and understandable instructions.	
8)	Awareness of the necessity of lifelong learning; ability to access information, to follow developments in science and technology and to renew continuously.	
9)	To act in accordance with ethical principles, professional and ethical responsibility; information on the standards used in electrical and electronics engineering applications.	
10)	Information on business practices such as project management, risk management and change management; awareness of entrepreneurship and innovation; information about sustainable development.	
11)	Knowledge of the effects of electrical and electronics engineering practices on health, environment and safety in the universal and social scale and the problems of the era reflected in electrical and electronics engineering; awareness of the legal consequences of electrical and electronics engineering solutions.	

### Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Attendance	10	% 10
Homework Assignments	1	% 10
Midterms	1	% 30
Final	1	% 50
<b>total</b>		<b>% 100</b>
PERCENTAGE OF SEMESTER WORK		% 50
PERCENTAGE OF FINAL WORK		% 50
<b>total</b>		<b>% 100</b>

### Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload

Course Hours	14	56
Homework Assignments	10	10
Midterms	1	1
Final	1	1
<b>Total Workload</b>		<b>68</b>