

DEPARTMENT OF ROBOTICS AND INTELLIGENT SYSTEMS ENGINEERING

Course Details				
<b>Code</b>	<b>Academic Year</b>			<b>Semester</b>
RIS503	1			1
<b>Title</b>	<b>T</b>	<b>A</b>	<b>L</b>	<b>ECTS</b>
Scientific Research Techniques and Publication Ethics	3	0	0	9
<b>Language</b>	English			
<b>Level</b>	<b>Undergraduate</b>		<b>Graduate</b> x	<b>Postgraduate</b>
<b>Department / Program</b>	Robotics and Intelligent Systems			
<b>Forms of Teaching and Learning</b>	Formal			
<b>Course Type</b>	<b>Compulsory</b>	x	<b>Elective</b>	
<b>Objectives</b>	It is aimed to teach the graduate level students enrolled in TAU FBEprograms; In accordance with the ethical rules within the framework of national and international regulations, reviewing of any scientific research, academic activity, publication, declaration, article, thesis, report, etc.			
<b>Content</b>	The Concept of Publication Ethics, Basic Principles, Violations, Scientific Thought Method, Research Types and Data Collection Methods, Using Computer in Text Creation and Using Internet Resources.			
<b>Prerequisites</b>	-			
<b>Coordinator</b>				
<b>Lecturer(s)</b>	Prof. Dr. Şafak Gökhan ÖZKAN			
<b>Assistant(s)</b>				
<b>Work Placement</b>				
Recommended or Required Reading				
<b>Books / Lecture Notes</b>	Bilim Etiği İstanbul Üniversitesi Yayın No:5048 ISBN 978-975-404-906-0			
<b>Other Sources</b>				
Additional Course Material				
<b>Documents</b>				
<b>Assignments</b>				
<b>Exams</b>				
Course Composition				
<b>Mathematics und Basic Sciences</b>				%
<b>Engineering</b>				%50
<b>Engineering Design</b>				%

**DEPARTMENT OF ROBOTICS AND INTELLIGENT SYSTEMS ENGINEERING**

Social Sciences		%10
Educational Sciences		%
Natural Sciences		%40
Health Sciences		%
Expert Knowledge		%

**Assessment**

Activity	Count	Percentage (%)
Midterm Exam	1	35
Quiz		
Assignments	5	15
Attendance		
Recitations		
Projects		
Final Exam	1	60
<b>Total</b>		<b>100</b>

**ECTS Points and Work Load**

Activity	Count	Duration	Work Load (Hours)
Lectures	14	2	28
Self-Study	14	10	140
Assignments	5	5	25
Presentation / Seminar Preparation			
Midterm Exam	1	2	2
Recitations	14	2	28
Laboratory			
Projects			
Final Exam	1	2	2
<b>Total Work Load</b>			<b>225</b>
<b>ECTS Points (Total Work Load / Hour)</b>			<b>8</b>

**Learning Outcomes**

1	Scientific Ethics
2	Scientific Research and Review of Publications
3	Scientific Presentation Techniques

**Weekly Content**

1	Basic definitions of ethics
2	General introduction into scientific databases

**DEPARTMENT OF ROBOTICS AND INTELLIGENT SYSTEMS ENGINEERING**

3	Reviewing process of graduate theses
4	Selection criteria of keywords
5	Google scholar
6	Scopus
7	Web of Knowledge-Web of Science
8	Plagiarism analysis programs
9	Examples of reviewing scientific publications-1
10	Examples of reviewing scientific publications-2
11	Examples of reviewing scientific publications-3
12	Presentation examples-1
13	Presentation examples-2
14	Presentation examples-3

**Contribution of Learning Outcomes to Program Objectives (1-5)**

	P1	P2	P3	P4	P5	P6	P7
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

**Contribution Level** 1: Low 2: Low-intermediate 3: Intermediate 4: High 5: Very High

**Compiled by:** Prof. Dr. Şafak Gökhan ÖZKAN

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