

ROBOTICS AND INTELLIGENT SYSTEMS MASTER PROGRAM
COURSE SYLLABUS

Course Details				
Code	Academic Year			Semester
RIS503	1			1
Title	T	A	L	ECTS
Scientific Research Techniques and Publication Ethics	3	0	0	9
Language	English			
Level	Undergraduate		Graduate x	Postgraduate
Department / Program	Robotics and Intelligent Systems			
Forms of Teaching and Learning	Formal			
Course Type	Compulsory	x	Elective	
Objectives	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.			
Content	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.			
Prerequisites	-			
Coordinator				
Lecturer(s)	Prof. Dr. Şafak Gökhan ÖZKAN			
Assistant(s)				
Work Placement				
Recommended or Required Reading				
Books / Lecture Notes	Bilim Etiği İstanbul Üniversitesi Yayın No:5048 ISBN 978-975-404-906-0			
Other Sources				
Additional Course Material				
Documents				
Assignments				
Exams				
Course Composition				
Mathematics und Basic Sciences				%
Engineering				%50
Engineering Design				%

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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
Total		100

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
Total Work Load			225
ECTS Points (Total Work Load / Hour)			9

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

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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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