

TOROS ÜNİVERSİTESİ

Faculty Of Fine Arts, Design And Architecture
Architecture

Course Information

UNIVERSAL DESIGN					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
ARC462	Spring	3	0	3	3

Prerequisites and co-requisites	none
Language of instruction	Turkish
Type	Elective
Level of Course	Bachelor's
Lecturer	Öğr. Gör. Mehmet Burak Taşerimez
Mode of Delivery	Face to Face
Suggested Subject	none
Professional practise (internship)	None
Objectives of the Course	This course aims for students' achievement of basic of Universal Design theories and principles. The awareness of Universal Design being a user focused correct way of design, and not something to add on after the design project is finished is portrayed with the principles and examples. The course that begins with a background and history on Universal Design, continues with definitions of Barrier Free and Accessible Design as well as theories, principles and applications
Contents of the Course	Within the course, various scaled projects are analyzed and redesigned in a "universal" way. The topics discussed in a parallel fashion with an Ergonomic base, aim to provide an elaborate understanding of designing spaces that not only accommodate and become functional for wheelchair users, but all kinds of people. Universal Design is often neglected in design education. It is seen as something that is sterile and a compulsory feature for disabled persons; as something that contradicts the creativity of a design project. The aim is for students to gain an understanding of the topic as an approach that is inclusive regardless of age, skill, or gender.

Learning Outcomes of Course

#	Learning Outcomes
1	To know the concept of universal design and design for all
2	To learn barrier-free design criteria
3	To design barrier-free space
4	To make building and Urban designs according to accessibility
5	To be an architect having barrier-free, accessible design-conscious

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Introduction to Universal Design	Oral Representation
2	History of Universal Design	Oral Representation
3	Objectives and General Principles in Universal Design	Oral Representation
4	Accessible Environmental Standards-Ramps-Pedestrian Paths-Stairs	Oral Representation
5	Accessible Building Standards	Oral Representation
6	Interior Doors and Their Properties, Door Types, Windows	Oral Representation

7	Indoor Horizontal Circulation, Indoor Vertical Circulation, Corridors, Kitchens	Oral Representation
8	Mid term exam	
9	Rooms, Wet Areas (Bathrooms, Toilets)	Oral Representation
10	Special Arrangement Rules for Featured Buildings	Oral Representation
11	Personal / group presentations on the subject	Oral Representation
12	Personal / group presentations on the subject	Oral Representation
13	Personal / group presentations on the subject	Oral Representation
14	Personal / group presentations on the subject	Oral Representation
15	Review of the Semester	Oral Representation
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Universal Standards for people with disabilities		

Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	To know the concept of universal design and design for all	11	1,2
2	To learn barrier-free design criteria	11	1,2
3	To design barrier-free space	11	1,2
4	To make building and Urban designs according to accessibility	9,11	1,2
5	To be an architect having barrier-free, accessible design-conscious	1,11	1,2

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	3	42
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	2	28
3	Presentation and Seminar Preparation	10	1	10
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	1	4	4
8	Midterm Exam	1	1	1
9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0

13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	4	4
16	Final Exam	1	1	1
				90