

TOROS ÜNİVERSİTESİ

Faculty Of Fine Arts, Design And Architecture
Architecture

Course Information

ARCHITECTURAL EXPRESSION TECHNIQUES					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
ARC138	Spring	4	4	5	6

Prerequisites and co-requisites	ARC 131
Language of instruction	Turkish
Type	Required
Level of Course	Bachelor's
Lecturer	Prof. Erkin Erten, Öğr. Gör. Yeliz Çermikli Buluklu
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	Teaching to students the drawing plans, sections, axonometric, dimetric and isometric drawing styles, giving measurements, spiral stairs, U stairs.
Contents of the Course	Architectural plans, detail projects about interior design, sections, axonometric, dimetric and isometric drawing styles, giving measurements, spiral stairs, U stairs, site plan and section, site materials.

Learning Outcomes of Course

#	Learning Outcomes
1	Be able to identify the tools and equipment that are used for technical drawing, be able to use the drawing tools and equipment in coordination with each other
2	Be able to identify basic forms
3	Be able to draw plan, section and views of objets and read drawings
4	Be able to gain ability to think in three dimensions, and describe three dimensions on two dimensions
5	Be able to interrogate the concept of perspective, can draw single and double escape perspective
6	Be able to describe the scale concept and draw in different detail at different scales

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Information about course materials, learning outcomes, preparing the course, scale kinds.	
2	Usage of special pencils with ink on drawings, drawing landscape materials.	Drawing in the class
3	Drawing 1/50 room plan and sections.	Drawing in the class
4	Measuring and giving details of 1/50 room plan and sections.	Drawing in the class
5	Measuring and giving system details of 1/50 room plan and sections (door, window and furniture details in 1/20, 1/10, 1/5).	Drawing in the class
6	Axonometric drawing workshop.	Drawing in the class
7	Axonometric drawing workshop.	Drawing in the class
8	Mid-term	Drawing in the class

9	Drawing plan and sections in scale of 1/20.	Drawing in the class
10	Spiral stair drawing in scale of 1/20.	Drawing in the class
11	Drawing U stair in scale of 1/20.	Drawing in the class
12	Scale drawing workshop.	Drawing in the class
13	Dimetric and isometric drawing workshop and giving colour to drawings.	Drawing in the class
14	Drawing site plan, sections and landscape architecture.	Drawing in the class
15	Information about structural design and drawings of roofs.	Drawing in the class
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Mimarlıkta Teknik Resim, Orhan ŞAHİNLER, YEM yayınları		
2	Düşey Sirkülasyon Araçları Merdivenler, Abdullah SARI, YEM yayınları		
3	Architectural Working Drawings, Ralph W. LIEBING		
4	Technical Drawing Materials		
5	web		

Method of Assessment

#	Weight	Work Type	Work Title
1	30%	Homework	Homework
2	30%	Mid-Term Exam	Mid-Term Exam
3	40%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	Be able to identify the tools and equipment that are used for technical drawing, be able to use the drawing tools and equipment in coordination with each other	4	1,2,3
2	Be able to identify basic forms	4	1,2,3
3	Be able to draw plan, section and views of objects and read drawings	4	1,2,3
4	Be able to gain ability to think in three dimensions, and describe three dimensions on two dimensions	4	1,2,3
5	Be able to interrogate the concept of perspective, can draw single and double escape perspective	4	1,2,3
6	Be able to describe the scale concept and draw in different detail at different scales	4	1,2,3

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	8	112
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	3	42
3	Presentation and Seminar Preparation	0	0	0
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	4	4
9	Quiz	0	0	0
10	Homework	10	1	10
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	4	4
				180