

TOROS ÜNİVERSİTESİ

Faculty Of Fine Arts, Design And Architecture
Architecture

Course Information

MODERN STRUCTURAL DESIGN					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
ARC330	Spring	3	0	3	3

Prerequisites and co-requisites	
Language of instruction	Turkish
Type	Elective
Level of Course	Bachelor's
Lecturer	Prof. Dr. Necati ŞEN
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	To understand the role of stoicism in creating an architectural space.
Contents of the Course	To inform about contemporary architectural structure design.

Learning Outcomes of Course

#	Learning Outcomes
1	To know contemporary structure systems.
2	To know the architectural approaches of famous architects.
3	Presenting a new structure proposal.
4	To understand the importance of the structure in creating an architectural space.

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Seven factors that define contemporary architecture.	
2	The role of structure in creating an architectural space.	
3	Vitruvius and the basic elements of architecture.	
4	Santiago Calatrava's architecture / structure	
5	Norman Foster's architecture / structure	
6	Felix Candela's architecture / structure	
7	Frank L. Wright's architecture / structure	
8	Midterm exam	
9	Frank Gehry's architecture / structure	
10	Eduardo Torroja's architecture / structure	
11	Frei Otto's architecture / structure	
12	Mies Va Der Rohe's architecture / structure	
13	Aldo Rossi's architecture / structure	
14	Philip Johnson's architecture / structure	

15	Review	
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
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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 contemporary structure systems.	4,10	1,2
2	To know the architectural approaches of famous architects.	4,10	1,2
3	Presenting a new structure proposal.	4,10	1,2
4	To understand the importance of the structure in creating an architectural space.	4,10	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	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	8	8
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	10	10
16	Final Exam	1	1	1
				90