

TOROS ÜNİVERSİTESİ

Faculty Of Fine Arts, Design And Architecture
Architecture

Course Information

CONSTRUCTION MATERIALS II					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
ARC222	Spring	2	0	2	2

Prerequisites and co-requisites	Yapı Malzemeleri I
Language of instruction	Turkish
Type	Required
Level of Course	Bachelor's
Lecturer	Lect. Ebru ÖZAŞIR
Mode of Delivery	Face to Face
Suggested Subject	None
Professional practise (internship)	None
Objectives of the Course	Students will learn to identify materials on their interior and general designs . It is aimed to introduce students to new and actual materials that are used at interior designs and furniture applications. Students will make researchs and presentations on given subjects ,in addition their ability on reasearching actual projects will develop.
Contents of the Course	In the content of course , students will develop material knowledge and materil selection skills by making designs on giving subjects weekly.

Learning Outcomes of Course

#	Learning Outcomes
1	Yapı malzemelerinin birbirleri ile olan bağlantıları ve farklılıklarını fark edebilmek.
2	They will develop themselves in terms of increasing the ability to solve design problems with a limited number of variables, understanding the shape function space structure relationship and learning. Learning to make detail drawings using drawing tools
3	Interpretation of two and three dimensional visual presentation techniques and representations
4	To be able to recognize the connections and differences of building materials with each other.

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	1.Introdution to course, 2.Explaining materials effects on product design and for wall-floor-ceiling finishings.	Task-1: Making research about various interior products with materials.
2	"1.Principles of a product design; a.Form findings in product designs, b.structure for product designs, c.Finally Material combination for design product 2.Material effect on product design. "	Submission 1:Finaizating product design with materials selection. Ö:1/50
3	"1.Designing a kitchen unit, with consideration of materials. 2.Explaining and showing various kitchen designs all over world. "	Task-2: Making a kitchen design and giving materials information.
4	Continuing to kitchen design, project-2 and giving critics to projects.	Submission project-2
5	1.Designing a kids room with consideration of material selection. 2.Explaining and showing samples of kids rooms from all over the world.	Task-3: Designing a kids room with materials information.(for 1 or 2 kids room) Scale:1/50.
6	Continuing kids room design,projcet -3. Giving critics to projects.	Submission project-3
7	1.Explaining modular systems in design. 2.Showing stand designs samples.	Task-4:Making a stand design including

		materials information.Scale:1/50
8	1.Continuing modular systems, project-4. 2.giving critics to project-4.	Submission of project 4.
9	MIDTERM: Sketch exam; Designing a kids room with explaining material selections.	Task-5: Making design one of the giving products with expressing material details. Scale:1/50
10	"1.Introduction to storage units, workstations,tv furniture designs in consideration with material selections and effects. 2.Showing samples for product designs indicating material effects in good and bad ways. "	Submission of project-5.
11	1.Continuing to project-5; storage units, workstations, tv furniture designs and making materials research for products. 2.Giving critics to project-5.	
12	1.Introducing various ceilings applications and ceiling details in interior design.	Task-6:Adaption of artificial lightings, colors and textures and ceilings to the selected project
13	Explaining artificial lightings, acoustics and colors factors for interior finishings.Showing samples from all over the world.	
14	Critics for final project	
15	Critics for final project	
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	Gerçek C., 'Yapıda Taşıyıcı Sistemler'		
2	Ching F.D.K., 'Çizimlerle Bina Yapım Rehberi'		

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	Yapı malzemelerinin birbirleri ile olan bağlantıları ve farklılıklarını fark edebilmek.	2,3	1,2
2	They will develop themselves in terms of increasing the ability to solve design problems with a limited number of variables, understanding the shape function space structure relationship and learning. Learning to make detail drawings using drawing tools	2,3,6	1,2
3	Interpretation of two and three dimensional visual presentation techniques and representations	2,10	1,2
4	To be able to recognize the connections and differences of building materials with each other.	2,7	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	2	28
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	1	14
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	0	0	0
8	Midterm Exam	1	4	4
9	Quiz	0	0	0
10	Homework	2	2	4
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	5	5
16	Final Exam	1	5	5
				60