

TOROS ÜNİVERSİTESİ

Faculty Of Fine Arts, Design And Architecture
Architecture

Course Information

ENVIRONMENTAL CONTROL I					
Code	Semester	Theoretical	Practice	National Credit	ECTS Credit
		Hour / Week			
ARC241	Fall	2	0	2	2

Prerequisites and co-requisites	NONE
Language of instruction	Turkish
Type	Required
Level of Course	Bachelor's
Lecturer	Dr. Öğr. Ü. H. Fikret OKUTUCU
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	The basic principles of the physical environment control by transferring to human health provision for the establishment of appropriate healthy building and settlement
Contents of the Course	The transfer of the principles of making the nature (sun, wind, earthquake, etc.) beneficial to the people who will use the building through the designed building

Learning Outcomes of Course

#	Learning Outcomes
1	To obtain basic information architecture
2	Sensitive to social and environmental issues, sustainable design to gather information for the scientific and technological aspects
3	To do research in the field of architecture, critical thinking
4	In the context of the physical environment and human behavior needs and recognize cultural differences
5	In the context of improving the practice of the profession to follow current technology
6	Literature tracking, project presentation and graphical techniques for writing articles and fluent use of English

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Course introduction, description of the subject Perception	Lectures
2	Kitchen design principles	Lectures
3	Examples about the details of kitchen designs	Lectures-Practice
4	Gypsum cardboard partition walls	Lectures
5	Examples about gypsum cardboard partition walls	Lectures-Practice
6	Eartquake resistant partition walls	Lectures
7	Examples about eartquake resistant partition walls	Lectures-Practice
8	Mid-term exam	
9	Explanation of dilatation, joint and fusion terms	Lectures-Practice
10	External blinds	Lectures

11	Drawings about external blinds	Lectures-Practice
12	Explanation of window maritime expression, importance, examination of details	Lectures
13	Drawings of window maritime expression, importance, examination of details	Lectures-Practice
14	Winter garden (greenhouse) expression on the floor	Lectures
15	Drawings about winter garden (greenhouse) expression on the floor	Lectures-Practice
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	" Cottom-Wirslow, M., (1990). "Environmental Design: The Best Architecture and Technology". PBC. Brookes, A.J., (1990). "The Building Envelope". Butterwith Architecture. Berköz, E. (1983). "Güneş Işınımı ve Yapı Dizaynı", Profesörlük Tezi. İTÜ Mimarlık Fakültesi Yayınları. Özkaya, M. (1972). "Aydınlatma Tekniği" . İTÜ Matbaası. - "		

Method of Assessment

#	Weight	Work Type	Work Title
1	20%	Mid-Term Exam	Mid-Term Exam
2	20%	Mid-Term Practise	Mid-Term Practise
3	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	To obtain basic information architecture	1,4	1,2,3
2	Sensitive to social and environmental issues, sustainable design to gather information for the scientific and technological aspects	3,11	1,2,3
3	To do research in the field of architecture, critical thinking	3,18	1,2,3
4	In the context of the physical environment and human behavior needs and recognize cultural differences	11	1,2,3
5	In the context of improving the practice of the profession to follow current technology	12	1,2,3
6	Literature tracking, project presentation and graphical techniques for writing articles and fluent use of English	15,16	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	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	1	2	2
8	Midterm Exam	1	2	2
9	Quiz	0	0	0

10	Homework	7	1	7
11	Midterm Project	0	0	0
12	Midterm Exercise	1	2	2
13	Final Project	1	2	2
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	2	2
16	Final Exam	1	1	1
				60