



ÇANKAYA UNIVERSITY

Faculty of Architecture

Course Definition Form

This form should be used for either an elective or a compulsory course being proposed and for a curriculum development process for an undergraduate curriculum at Çankaya University, **Faculty of Architecture**. Please fill in the form completely and submit the print-out carrying the approval of the Department Chair to the Dean's Office and mail its electronic copy to ayseguleksi@cankaya.edu.tr. Upon receipt of *both copies*, the print-out will be forwarded to the Faculty Academic Board for approval. Incomplete forms will be returned to the Department. The approved form is finally sent to the President's office for approval by the Senate.

Part I. Basic Course Information

Department Name	ARCHITECTURE				Dept. Numeric Code	1	8	
Course Code	A	R	C	H	3	5	1	
	Number of Weekly Lecture Hours		2	Number of Weekly Lab/Tutorial Hours		4	Number of Credit Hours	4
Course Web Site	http:// arch351.cankaya.edu.tr				ECTS Credit		0	4

Course Name <i>This information will appear in the printed catalogs and on the web online catalog.</i>	
English Name	BUILDING CONSTRUCTION
Turkish Name	YAPI VE KONSTRÜKSİYON

Course Description <i>Provide a brief overview of what is covered during the semester. This information will appear in the printed catalogs and on the web online catalog. Maximum 60 words.</i>	
Covering the aspects of building construction by concentrating on the main elements of buildings. In this respect, architectural background of building systems such as Environmental & Utility Services, Ceiling Systems, Cladding & Wood Veneering, Structural Glazing systems, Curtain Wall Systems are analyzed. Also, terminology regarding various materials and structural systems are covered within the content of this course.	

Prerequisites (if any) <i>Give course codes and check all that are applicable.</i>	1 st	2 nd	3 rd	4 th
	<input type="checkbox"/> Consent of the Instructor	<input type="checkbox"/> Senior Standing	<input type="checkbox"/> Give others, if any.	
Co-requisites (if any)	1 st	2 nd	3 rd	4 th
Course Type <i>Check all that are applicable</i>	<input type="checkbox"/> Must course for dept. <input type="checkbox"/> Must course for other dept.(s) <input checked="" type="checkbox"/> Elective course for dept. <input type="checkbox"/> Elective course for other dept.(s)			

Course Classification <i>Give the appropriate percentage for each category.</i>					
Category	Mathematics & Natural Sciences	Engineering Sciences	Engineering Design & Technology	Architectural Theory & History	Architectural Design & Planning
Percentage	10%	20%	50%	5%	15%

Part II. Detailed Course Information**Course Objectives***Maximum 100 words.*

To: Improve the students ability to understand and solve construction systems and details in buildings

Learning Outcomes*Explain the learning outcomes of the course. Maximum 10 items.*

1. Solve building construction problems.
2. Develop architectural construction proposals.
3. Use the theoretical, methodological and applied information in the areas of constructional , and technical topics of architecture

Textbook(s)*List the textbook(s), if any, and other related main course material.*

Author(s)	Title	Publisher	Publication Year	ISBN

Reference Books*List, if any, other reference books to be used as supplementary material.*

Author(s)	Title	Publisher	Publication Year	ISBN
Ching, Francis D.K. Adams, Cassandra	<u>Building Construction Illustrated</u>	Van Nostrand Reinhold, New York	1991	0-471-35898-3
Ching, Francis D.K. Winkel, Steven R	<u>Building Codes Illustrated</u>	John Willey & Sons, Inc	2003	0-471-09980-5

Teaching Policy*Explain how you will organize the course (lectures, laboratories, tutorials, studio work, seminars, etc.)*

2 hours of lecturing and 4 hours of studio work per week. Theoretical knowledge will be given during lecture hours. Construction Drawings on structural and constructional problems of building elements will be made during Studio Work hours

Laboratory/Studio Work*Give the number of laboratory/studio hours required per week, if any, to do supervised laboratory/studio work and list the names of the laboratories/studios in which these sessions will be conducted.*

4 hours of supervised studio work per week. The studio work requires the use of a convenient design studio.

Computer Usage*Briefly describe the computer usage and the hardware/software requirements for the course.***Course Outline***List the weekly topics to be covered.*

Week	Topic(s)
1	Wet Areas : Kitchen Systems
2	Wet Areas : Bath Systems
3	Window Systems Home Work : Research Report on Cladding, Curtain Wall and Structural Glazing Systems
4	Window Systems
5	Door Systems
6	Door Systems
7	Cladding
8	Cladding
9	Curtain Wall Systems
10	Curtain Wall Systems
11	Structural Glazing Systems
12	Structural Glazing Systems (Submission of Research Report Files)
13	Ceiling Systems
14	Ceiling Systems

Grading Policy

List the assessment tools and their percentages that may give an idea about their relative importance to the end-of-semester grade.

Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage
Classwork	14	87%	Preparation for Studio Works	14	3%			
Research Report File	1	10%						

ECTS Workload

List all the activities considered under the ECTS.

Activity	Quantity	Duration (hours)	Total Workload (hours)
Attending Lectures (<i>weekly basis</i>)	14	1,5	21
Attending Studio Works(<i>weekly basis</i>)	14	4	56
Self study of relevant material (<i>weekly basis</i>)	14	1	14
Preparation for Studio Works	14	1	14
TOTAL WORKLOAD / 25			105/25 = 4,2
ECTS Credit			4

Total Workloads are calculated automatically by formulas. To update all the formulas in the document first press CTRL+A and then press F9.

This course is necessary to provide students with the advanced knowledge based on construction techniques of building elements in Architecture

Part IV Approval

Proposed by	Faculty Member <i>Give the Academic Title first.</i>	Signature	Date
	Instructor Selçuk Uysal		

Departmental Board sitting date		Sitting number		Motion number	
Department Chair		Signature		Date	

Faculty Academic Board sitting date		Sitting number		Motion number	
Dean	Prof. Dr. A.Zeynep ONUR	Signature		Date	

Senate sitting date		Sitting number		Motion number	
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