

COURSE INFORMATION					
Course Title	<i>Code</i>	<i>Semester</i>	<i>L+P Hour</i>	<i>Credits</i>	<i>ECTS</i>
Term Project	ARCH 503	Fall/Spring	2+2	0	16

Prerequisites	-
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Language of Instruction	English
Course Level	Master program
Course Type	Compulsory (without thesis)
Course Coordinator	
Instructors	
Assistants	
Goals	This course aims to give students the ability to perform an urban design/architectural project by making use of the knowledge they have acquired.
Content	Site and swot analysis, design methods.

Learning Outcomes	Program Learning Outcomes	Teaching Methods	Assessment Methods
Students have the ability to perform an architecture/urban design analysis with spatial and socio-economic factors	1,12,14,16	4,5,7	B
Students have the ability prepare an architectural/urban design project	1,2,3,4,5,6,7,8,12,13,14,16	4,5	B

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion, 4: Seminar, 5: Project, 6: Teamwork; 7: Technical excursion
Assessment Methods:	A: Testing, B: Jury, C: Homework, D: Quiz

COURSE CONTENT		
Week	Topics	Study Materials
1	Introduction to the project	

2	Site excursion	Densities (gross and net densities), ground floor area, total construction area, standards for social and commercial uses, public amenities, prevailing sun and wind directions, orientation, zoning, conceptual diagrams and sketches
3	Conceptual diagrams and sketches	Building place and defining space; some common residential block structures; residential block types and alternates.
4	Discussion about clusters and housing types - initial developed sketches	Traffic and parking, housing layout, organization of space (enclosure, scale and proportion, contrasting spaces, territory)
5	Discussion about clusters and housing types - initial developed sketches	The planning criteria for residential clusters and marginality
6	1st Jury (Weight %20)	
7	Evaluation of the criticisms of the jury	Class work
8	Developing and revising the site plan and building types	Class work
9	Developing the building types	Class work
10	Developing the building types	Class work
11	Developing the building types / discussions on presentation techniques	Class work
12	2nd Jury (Weight %30)	Class work
13	Developing the building types / discussions on presentation techniques	Examples of street furniture, water elements, pavement, lighting, seating, and small parks
14	Developing the building types / discussions on presentation techniques	Class work

RECOMMENDED SOURCES

Textbook	<p>Aydemir, Ş. (2007) Kentsel Alanların Planlanması ve Tasarımı, KTÜ Yayın.</p> <p>Biddulph, M. (2007) Introduction to Residential Layout, London: Elsevier</p> <p>GLC (1980) An introduction to Housing Layout, London: The Architectural Press.</p> <p>Erpi, F. (1980) Urban Traffic Planning, METU, Ankara.</p> <p>Ersoy, M. Kentsel Alan Kullanım Normları, ODTÜ, Ankara</p> <p>Lewis, S. (2005) Front to Back: A design agenda for urban housing, London: Elsevier.</p> <p>Marcus, C. C and Francis, C. (eds) (1998) People Places: Design Guidelines for Urban Open Space, Van Nostrand Reinhold, New York</p> <p>Untermann, R. and Small, R. (1977) Site Planning for Cluster Housing, Van Nostrand Reinhold</p>
Additional Resources	<p>Reid, G.W. (1987) Landscape Graphics, New York: Watson-Guption Publications.</p>

MATERIAL SHARING	
Documents	
Assignments	
Exams	

ASSESSMENT		
IN-TERM STUDIES	NUMBER	PERCENTAGE
Mid-terms		
Quizzes		
Project	1	70
Seminar and presentation		
Assignment		
Final	1	30
Total		100
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE	1	30
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE	1	70
Total		100

COURSE CATEGORY	Expertise/Field Courses
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COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Acquires knowledge of and comprehends socio-economic and spatial elements, and processes which necessitates urban design and also involves outputs of design projects.					x
2	Has the competence for producing a comprehensive architectural project from the beginning of schematic design to detailed system development phase (structural and environmental systems, safety and fire protection, partition systems, building envelop, building service systems).					
3	Has the ability to employ the experience gained from architectural building to new fields and generate strategies.					
4	Has the knowledge of approaches, models and techniques which will improve the efficiency in managerial tasks and management of an architectural project and construction.					X

5	Has the knowledge of principles of the modern load-bearing systems and application methods.						
6	Has the ability to transfer and apply architectural knowledge to design and application processes.						
7	Has the ability to employ theoretical and practical field-related knowledge with reference to their undergraduate competence.						X
8	Has the ability to conduct research, evaluate, make critical analysis, employ appropriate techniques and reach unique results.						
9	Has the competence of relating to project and construction processes, analyzing and evaluating within the framework of architectural structure.						
10	Has the competence of taking strategic decisions of an architectural project and generating unique architectural solutions.						
11	Has the competence of systematically presenting a work- carried out individually or as a group work- visually, orally and in written by employing required computer programs.						
12	Has the knowledge of relation of urban design with architecture and other fields of expertise.						X
13	Has the ability to prepare urban design project and/ or research by employing his/her knowledge and generating new methods and ideas.						
14	Has the ability to include socio-economic and spatial criteria into design process.						
15	Has the ability to conduct research, acquire knowledge, make analysis and synthesis, and use those for unique outputs.						
16	Has the competence of managing a project in urban design field individually.						X
17	Has the competence of conducting a unique academic/ scientific study, presenting it and discussing it on a dialectic basis.						

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 14x Total course hours)	14	4	56
Hours for off-the-classroom study (Pre-study, practice)	16	24	384
Mid-terms			
Quizzes			
Project	1	2	2
Seminar and presentation			
Assignment			
Final examination			
Total Work Load			442
Total Work Load / 25			17,68

ECTS Credit of the Course			
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