



Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
ARC 3001	Architectural Design V	2019/2020 FALL	4	4	6	10
ARC 3002	Architectural Design VI		4	4	6	10

**Level of Course:** Undergraduate

**Course Type:** Core Course

**Language of the Course:** English

**Course time:** Thursday 09.00-17.30

**Course Classroom:** ARC STD V

**Mode of Delivery:** One to one critics, Class Teaching, Presentation, Assignments, Juries

**Prerequisites and Co-requisites:** For ARC 3002: ARC 3001 Architectural Design V,  
For ARC 3001: ARC 2002 Architectural Design IV

**Course Coordinator:** Asst. Prof. Dr. Hülya AYBEK

**Name of Lecturer(s):** Lect. Onur Eroğuz  
Lect. Hakan Hacıoğlu  
Lect. Zeynep Melike Atay Kızıldaş

**Course Teaching Assistant:** Res. Asst. Esin Bölükbaş Dayı

**Course Objectives:** To gain ability of creative and critical thinking; developing abstract and three-dimensional thinking by focusing basic concepts such as spatial experience, context, function, user, scale and formal composition; gathering and analysis of information to get individual synthesis for design approach; being aware of innovative and technological developments in architecture field; analyzing human behavior and developing respond to user requirements; being able to develop sustainable solutions to design problem; to gain ability to represent project ideas in written, oral and graphical ways.

**Course Description:** Upon the second year design education, the main agenda for the third year design studio is to embrace historical, social and cultural conditions in the urban context. The studio focuses on the cultural milieu of Antalya in the light of ongoing cultural facilities and insufficient urban places for the cultural events. By considering the significant place of Golden Orange Film Festival in worldwide scale and the potentials of its current venue, Atatürk Cultural Center, students are expected to design enriched environments for a better-organized cultural life. Within this perspective, Atatürk Culture Park, in which Atatürk Cultural Center and Glass Pyramid Congress and Exhibition Center are located as the focal buildings, is determined as the project site of the studio. In addition, the existence of Glass Pyramid, where fair organizations are held frequently, adds a commercial value to the project site. **This semester, students of ARC 3001 and ARC 3002 Architectural Design courses are expected to design a building complex with cultural and commercial functions in Atatürk Culture Park. While the complex is supposed to be part of an urban recreational facility, the relation with the two existing major buildings confronts as one of the main design problems. ARC 3001 students are responsible for 3000m2 total building area, while ARC 3002 students are for 5000 m2.** While considering the major requirements of the existing buildings, the proposals are also expected to provide integrity with the city environment. Students will search for alternative solutions to exhibition and representation concepts in parallel to the contemporary approaches.

**Requested functions and scales will differ between ARC 3001 and ARC 3002 students which will be clarified in the class.**

**Learning  
Outcomes:**

**Upon successful completion of the course, students will be able to:**

- See the design problem as a research process and can construct this process with information obtained from different fields, sources and methods.
- Develop suggestions on a multi-dimensional design problem by considering the context, city, culture, social values and user requirements.
- Use appropriate means of representation to express design approaches in a graphic, written and verbally creative way.
- Develop their skills to work with the team by sharing their knowledge and skills in the design process.
- Improve their knowledge about design, structure, material and construction systems of complex buildings.

**Language:**

The studio classes and discussions will be in English. Developing your verbal language skills will be very important in acquiring the disciplinary terminology as well as daily communication at the class.

**Recommended  
Text Books:**

Bacon, A.(1974). Design of Cities.  
Bahamon,A. (2005). Sketch, Plan, Build: World Class Architects Show How It's Done. First Edition, Harper Design.  
Berger J.(2008). Ways of Seeing. Penguin Classics.  
Chiara, J.&Callender,J. (1983). Time-Saver Standards for Building Types, Second Edition, McGraw-Hill Book.  
Cullen, G. (1961). The Concise Townscape.  
De Certau, M. (2011). The Practice of Everyday Life.  
Farrelly, L. (2008). Representational Techniques. AVA Publishing SA, UK.  
Farrelly, L. (2012). The Fundamentals of Architecture, 2<sup>nd</sup> Edition. AVA Publishing SA, UK.  
Fawcett, P. (2003) Architecture: Design Notebook, Second Edition, Architectural Press.  
Karlen, M. (2009). Space Planning Basics. Third Edition, John Wiley&Sons, Inc.  
Laseau, P. (2001). Graphic Thinking for Architects & Designers. Third Edition New York: J. Wiley.  
Lawson, B. (2001). The Language of Space. Architectural Press.  
Lefebvre, H.(1991). The Production of Space, translated by D. N. Smith, Blackwell Publishers, Oxford, England.  
Lynch, K.(2014).The Image of the City, Türkiye İş Bankası Kültür Yayınları.  
Macdonald, A.J. (2001) Structure and Architecture, Second Edition, Architectural Press.  
R. and Rachel, S. (2007). The Crit. An Architecture Student's Handbook. Second Edition, Architectural Press, Elsevier.  
Whyte, J. (2002). Virtual Reality and the Built Environment. Architectural Press.

**Planned Learning  
Activities and  
Teaching Method:**

**Learning/Teaching Method:** This is a studio course and students learn about design process by getting directly involved in the process. The studio practice is supported by lectures and group/one-to-one critic sessions. The main teaching medium in studio is individual critics.

**Project Development:** The expected learning outcomes for the course will be assessed through: Group presentation, submissions, class assignments, weekly critics, sketch-exam, midterm jury, pin-up and final jury, which are the indicators of a successful project process.

**Class Participation:** Regular attendance of all enrolled classes is expected. Do not be late to the class. Attendance will be taken through your signature within the first quarter of the class; if you come later you will be considered absent. At the end of the semester, your attendance will be reported on UBS system. Attendance is compulsory and in case of absenteeism of more than 20%, the system will automatically grade you "FX". If you miss a class, it is your responsibility to 'make up' all work, including items discussed in class. **Class contribution will be measured in terms of quality not quantity.** Therefore, **attendance is provided by participation to the critics in the studio. Students who do not participate to the critics will be considered as absent even if they attend the class.** If you need to leave early for whatever reason, you should exercise politeness and notify your professor at the commencement of the session.

**Academic integrity & plagiarism:** Academic integrity is the pursuit of scholarly activity based on the values of: honesty, trust, fairness, respect and responsibility. Practicing academic integrity means never plagiarizing or cheating, never misrepresenting yourself, never falsifying information, never deceiving or compromising the work of others. Basically this means, either intentionally or unintentionally, using the words or ideas of someone else without giving credit, it's strictly forbidden.

**Course Text books:** There is no specific textbook for this course but students are required to study the mandatory and recommended reading text books and also do researches on the variety of architectural presentation techniques.

**Key Works:** In this studio course lectures and assignments mainly focuses on contextual relations, user requirements, critical thinking, elements of architectural and urban design and the awareness of basic concepts, factors, functions, and materials in design process.

**Specific Rules:**

1. **Be punctual. Punctuality is a sign of respect toward yourself and the others.**
2. Show respect for all the people and property around you.
3. Be responsible for your actions and meet all expectations.
4. Follow directions the first time they are given.
5. Students should use the Internet at school for academic purposes only.
6. It is forbidden to record classes with any type of device.
7. **Students need to submit their portfolio in 21\*21 cm format, A3 printed final presentation posters, photographs of final models in A3 size, electronic copies of their project in a CD and their design posters in given size (A0/A1 in general) at the end of the semester.**
8. **Students should submit their project report contains min 350 words for each jury members.**

**Communication:** Students are encouraged to visit the professor during their Office Hours. If you cannot make it to announced office hours, please make individual arrangements via e-mail. However, do not expect the lecturers to respond at length via e-mail to questions of content, definition of terms, grading questions etc. If you have a question that requires a substantive response, please set up an appointment to speak with one of us.

**Course Contents\*:  
(Weekly Lecture  
Plan)**

Date	Week	Chapter Topic	Take-home exercise
19.09.19	1	First day of the class; greetings, introduction to theme, design problem and project site  Site visit	H.1: Site Analysis (includes at least 3 sketches)  H.2: Building Requirement List (individual)
26.09.19	2	<b>Presentation of Site Analysis</b>  <b>Submission: Building Requirement List</b>	H.3: Developing individual site analysis and synthesis according to the critics  H.4: Case Study: At least 3 different examples and examination of plans, programs and forms. (will be submit in at least 3 A3 sheets)
03.10.19	3	<b>Presentation of Case Studies</b>  Feedback about Building Requirement Lists	H.5: Site Model (individual)  H.6: Scenario / First design approaches
10.10.19	4	<b>Class Assignment: Conceptual Model based on Scenario (09.00-11.00)</b>  Critics about Class Assignment	H.7: 3 alternatives for project concept (will be presented with scenario, concept models, diagrams and sketches)
17.10.19	5	Design Development /Critics	H.8: Master plan, site plan, conceptual plan-sections, study model.
24.10.19	6	<b>SKETCH EXAM (09.00- 13.00)</b>  Feedback about Sketch Exam	H.9: Master plan, site plan, conceptual plan-sections, study model.
31.10.19	7	Design Development /Critics	MIDTERM REQUIREMENTS



07.11.19	8	MIDTERM EXAM	Design development according to the Mid-Jury critics
14.11.19	9	Design Development /Critics	H.10: Site plan, floor plans, sections, structural systems and materials, 3d sketches.
21.11.19	10	Design Development /Critics	H.11: Site plan, floor plans, sections, structural systems and materials, 3d sketches.
28.11.19	11	Design Development /Critics	H.12: Site plan, floor plans, sections, structural systems and materials, 3d sketches.
05.12.19	12	PIN UP	H.13: Design development according to the Pin-up critics
12.12.19	13	Project Development, Poster and Portfolio Design /Critics	H.14: Project, poster ad portfolio development according to the critics
19.12.19	14	FINAL REVIEW	FINAL REQUIREMENTS
23.12.19 07.01.20		FINAL JURY	

\* PLEASE NOTE: Details of the syllabus and course schedule are subject to minor changes that will be announced in class and also via e-mail in advance a week.

**Grading:** Midterm and final exam responses will be evaluated for accuracy, thoughtfulness and clarity. Assignments will be evaluated for content, quality of ideas and clarity of presentation (including all necessary materials). **If total assessment grade is lower than CC, student need to repeat the course.**

An outline of the course event and lecture schedule is provided in the syllabus. The final grades for each individual will be determined as follows. These grades represent the full point, for example if a student get 100 on the research student will get the 10 points, if the grade is 90 the points will be 9 and so on.

1. Analysis/case study, team effort, conceptual models, architectural program, all assignments, sketch exam, pin-up + regularly shown progress of the development of the project gets 40 points of the final grade.
2. Mid-jury: 20 points of the final grade.
3. Final jury: 40 points of the final grade will be given the categories in the below.
  - Conceptual Idea (20 points of the final jury)
  - Site plan (15 points of the final jury)
  - Floor plans (15 points of the final jury)
  - Elevations/3D Renderings (10 points of the final jury)
  - Section including components (15 points of the final jury)
  - Models (10 points of the final jury)
  - Portfolio (10 points of the final jury)
  - Poster design (5 points of the final jury)



**Assessment Methods  
and Criteria :**

METHODS	EFFECTS ON GRADING
Attendance and Participation (Includes Site Analysis, Assignments, Sketch Exam, Pin-Up)	%40
Midterm Jury	%20
Final Jury	%40
	100

**ECTS Workload Table :**

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	14	8	112
Assignment (s)	3	5	15
Group- study for Site Analysis	1	11	11
Self- study for the Project	14	8	112
<b>Total workload</b>			<b>250</b>
<b>Total workload/25</b>			<b>250/25</b>
<b>ECTS</b>			<b>10</b>

**GRADING AND EVALUATION**

The students' progress will be evaluated throughout the semester. Students' grades lower than CC will be considered as failed.

Grade Scale:

90 - 100	AA	4,00
85 - 89	BA	3,50
80 - 84	BB	3,00
75 - 79	CB	2,50
65 - 74	CC	2,00
55 - 64	DC	1,50
50 - 54	DD	1,00
45 - 49	FD	0,50
0 - 44	FF	0,00

**Course outline and evaluation criteria can be changed according to weekly progress by course instructor. If any change will occur, it will announce to students via e-mail.**