

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
ARC 401	ARCHITECTURAL DESIGN STUDIO V	2019-2020/FALL	4	4	6	12

**Level of Course:** Undergraduate

**Course Type:** Core Course

**Language of the Course:** English

**Course time:** Friday- 09.00- 13.00, 13.30-17.30

**Course**

**Classroom:** ARC STUDIO II-A

**Office Hours:** Tuesday 13.30-17.30, Monday 14.30-17.30, Thursday 13.30-17.30

**Mode of Delivery:** One to one critique, Class Teaching, Presentation, Assignments, Homework

**Prerequisites and**

**Co-requisites:** ARC 302

**Course Coordinator:** Prof. Dr. Ayşe Sağsöz

**Name of Lecturer(s):** Prof. Dr. Ayşe Sağsöz, Asst. Prof. Dr. Ayşe Esin Kuleli, Lect. Nil Kokulu, Lect. Hakan Hacıoğlu

**Course Teaching Assistant:** Res. Asst. Alper Güllü

**Course**

**Objectives:** The aim of the course; abstract and three-dimensional thinking with the personal insights explored in space-building bases by focusing on basic concepts such as spatial experience, context, function, user, scale and formal composition; to be able to see design process as a research process; to use personalized data obtained in this process creatively; to provide the design process as a process fed from diversity and diverse fields of knowledge.

**Course**

**Description:** The studio consists of a collection of encounters that focus on basic concepts such as spatial experience, context, function, user, scale, formal composition, supporting the personal insights of space construction foundations and evaluating the design process over the project proposal during the semester.

**Learning Outcomes:**

- It sees the design problem as a research process with a process-oriented conception and can construct this process with information obtained from different fields, sources and methods
- They can develop their skills to work with the team by sharing their knowledge and skills in the design process.
- It can be included in the process by making it part of the knowledge design of the architectural structure, material and construction.
- As knowledgeable about the conceptual framework, methods and tools for sustainable design, this information can be incorporated into the project process.

**Language:** English

**Recommended  
Text Books:**

1. Architectural Graphic Standards, Student Edition, An Abridgment of the 9th Edition Charles George Ramsey, Harold Reeve Sleeper, John Ray Hoke, Jr. ISBN: 0-471-34817-1
2. Fundamentals of Building Construction Materials and Methods (4th Edition) Author: Edward Allen, Publisher: John Wiley & Sons, Inc. ISBN: 0-471-21903-7
3. Architecture Form, Space, and Order, (Second Edition) Author: Francis D. K. Ching, Publisher: John Wiley & Sons, Inc. ISBN: 0-471-28616-8
4. Mechanical and Electrical Equipment for Buildings, (Ninth Edition) Author: Benjamin Stein and John S. Reynolds, Publisher: John Wiley & Sons, Inc. ISBN: 0-471-15696-5
5. The Architect's Studio Companion (6. Edition) Author: Edward Allen, Joseph Iano Publisher: John Wiley & Sons, Inc. ISBN: 978-1-119-09241-4
6. Building Codes Illustrated: A Guide to Understanding the 2006 International
7. Building Code, 2nd Edition, Francis D. K. Ching, Steven R. Winkel, John Wiley & Sons, Inc. ISBN: 978-0-471-74189-3
8. Architecture Form, Space, and Order, (Second Edition) Author: Francis D. K. Ching, Publisher: John Wiley & Sons, Inc. ISBN: 0-471-28616-8

**Planned Learning Activities and 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-o-one critique sessions. The main teaching medium in studio is criticism on studio assignments with student.

**Project Development:** A series of assignments with emphasis on the main topic will be offered in this course. Development of the project will be evaluated according to assignments' quantity and quality.

**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 half-attended.** 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% for the practice and %30 for the theory, the system will automatically grade you "FF"**. If you miss a class, it is your responsibility to 'make up' all work, including items discussed in class.

**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. Students are required to study the recommended reading textbooks and also do researches on the variety of architectural presentation techniques.

**Key Works:** Architectural Design, Urban Design, Sustainable Design.

**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.

**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 professor and the research assistant 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
20.09.2019	1	<b>Project and Site Description</b>	
27.09.2019	2	<b>Model submission (1/2000)</b>	Self work of the each student
04.10.2019	3	Discussion of research, examples and observations related to design area and problem, site model discussions	Presentation for Pin-Up Site model and site analysis Delivery, building proposal, concept
11.10.2019	4	Discussion and development of design proposals, site model discussions	Self work of the each student building proposal, master plan, site plan, concept
18.10.2019	5	<b>First Jury</b>	
25.10.2019	6	Discussion and development of design proposals, site model discussions Discussion and development of design proposals, site model discussions	Self work of the each student, Building and site proposal, Plans, Models, master plan, site plan
01.11.2019	7	Discussion and development of design proposals, site model discussions	Self work of the each student, Plans, sections, models, site plan, master plan, concept
08.11.2019	8	<b>MIDTERM JURY</b>	
15.11.2019	9	Sketch Exam (can be sketch or what the instructor says)	Self work of the each student, Plans, sections, elevations, models
22.11.2019	10	Development of architectural representation of design proposals, site model discussions	Self work of the each student, Plans, sections, elevations, models, renders

<b>29.11.2019</b>	<b>11</b>	Development of architectural representation of design proposals, site model discussions	Self work of the each student, Plans, sections, elevations, models, renders
<b>06.12.2019</b>	<b>12</b>	Development of architectural representation of design proposals, site model discussions	Self work of the each student, Plans, sections, elevations, models, renders
<b>13.12.2019</b>	<b>13</b>	Development of architectural representation of design proposals, site model discussions	Self work of the each student, Plans, sections, elevations, models, Renders, site plan, master plan
<b>20.12.2019</b>	<b>14</b>	Development of architectural representation of design proposals, site model discussions	Self work of the each student, Plans, sections, elevations, models, Renders, site plan, master plan
<b>2019 2020</b>		<b>FINAL JURY</b>	

\* PLEASE NOTE: Details of the syllabus and course schedule are subject to minor changes that will be announced in class.

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.

\*The number of sketch exams will the instructor can make as many sketches as he considers necessary

\*\*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.

\*\*\*Exam dates will be announced in advance.

\*\*\*\* Extra Jury member can join to the juries either from the University or out of the university

**Assessment Methods  
and Criteria :**

<b>METHODS</b>	<b>EFFECTS ON GRADING</b>
1)Folder Submission (Site Analysis and Sample Research)	5 points
2) Participation (Each student is required to attend all juries and stay till the end of the class)	5 points
3)First Jury	15 points
4)Midterm Jury	20 points
5)Final Jury	50 points
6)Sketch Exams	5 points



**ECTS Workload Table :**

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Juries	4	8	32
Sketch Exam	1	8	8
Folder Presentaion	1	8	8
Homework			252
<b>Total Workload</b>			<b>300</b>
<b>Total workload/30</b>			<b>300/25</b>
<b>ECTS</b>			<b>12</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.**

All presentations are due on the assigned date (date provided on the class schedule and also will be reminded during the semester.) All students must submit and present their presentations and folders. Make-up opportunities are granted only when caused by a university excused absence. If a university excused absence or a valid emergency is reported to us and approved, we will allow a make-up presentation/ pin-up to occur the next scheduled class period to avoid a penalty.

**For the Folders:**

- Delivery on time (10 points)
- Site pictures (10 points)
- Site analyses (10 points)
- Conceptual Approach (10 points)
- Sketches (10 points)
- Architectural Examples (10 points)
- Drawings (10 points)
- Models (10 points)
- Structural drawings (10 points)
- Order (10 points)

**Attandance to the lesson**

Attandance consists:

- Participation to the class
- Taking critiques
- Bringing instructor's requirements on time and complete
- Listening the critiques which other student's at the same group take.

NOTE: Student has to sign when he/she attends to class, to juries and when he/she submits folders.

**Requirements for the First Jury:**

- A0 sheets. You can use it vertically or horizontally.
- Concept sheet (You may use 1/5000 drawings inside)
- 1/2000 Site Plan
- 1/2000 at least one section (it should be from the slope)
- 1/5000 patch work

\*Attendance to the full jury is compulsory.

**Requirements for the Midterm Jury:**

- Poster Size: A0 (Portrait)
- Concept and presentation sheet including perspective drawings, sketches, site and conceptual analyses, mood images, project report (%10)
- Project report submitted with A4 paper size (%10)
- 1/5000 Master plan with surrounding (including urban decisions, traffic solutions, pedestrian access, zoning) (%10)
- 1/2000 Site plan of the whole site with close surrounding (Colour should be used as an expression technique) (%10)
- 1/2000 2 site silhouette (from east to west and south to north) (%5)
- 1/1000 site plan of architectural design project area with its surrounding (%10)
- 1/1000 2 silhouette from architectural design project area (%10)
- 1/500 All floor plans (%10)
- 1/500 Min 3 sections (%10)
- 1/500 Elevations (%5)
- 1/500 Model of the area with its surrounding (%10)
- A3 size and digital version (jpeg or pdf format) of all posters must be submitted.

\*Attendance to the full jury is compulsory.

**Requirements for the Final Jury:**

**50 points of the final grade will be given the categories in the below.**

- Sheet size: A1 (Vertical), A3 (Vertical)
- Concept and presentation sheet including 3d models, perspective drawings, sketches, analyses, project report (%15)
- 1/1000 master plan of the whole site (%10)
- 1/500 site plan (with elevation symbols) (%10)
- 1/500 2 site silhouettes (from east to west and south to north) (%5)
- 1/200 ground floor plan with the surrounding area (%10)
- 1/200 all floor plans (%15)
- 1/200 4 sections (%10)
- 1/200 elevations (%10)
- Site and building model (%10)
- Report (%5)

A3 size and digital version (jpeg or pdf format) of all posters must be submitted.

\*Attendance to the full jury is compulsory.

**Grading and Evaluation Criteria:**

1. Does the proposed project offer solutions that will support public use by taking into account the dynamics of Antalya?
2. Does the proposed project offer solutions that support the continuity of pedestrian axis, the connection between housing district and the coastline, the connection between west and east part of the city?
3. Are accessibility solutions (both pedestrian and traffic) within the project area sufficient?
4. Has a strong concept created for both urban design and architectural design project?
5. Has the public needs of the project site been taken into consideration?
6. Is the function distribution within the project area clear?
7. Is there a ratio relation between the green-permeable area and the impermeable area?
8. Does the built environment and the natural environment have unity in design?
9. Are the space functions allocated with an innovative point of view?
10. Does the existing texture and the proposed design work in harmony?
11. Has the relationship between interior and exterior been envisioned and suggested?
12. Has the mass expression of design and the design of façade been reached a maturity?
13. Have you considered vertical circulation elements, wet spaces, structural solutions been considered in the project? Are the standards complied?
14. Are the environmental factors taken into consideration?
15. The material, technology and structure issues have been handled in the project?
16. Did the dialogue of the project and the project itself on the same plane?
17. Do images, drawings and 3D narratives have readable legible and have visually pleasing?
18. Do you find the poster design handled as a professional approach?
19. Does the model provide sufficient information about the project? Is it also handled professionally in terms of quality and technique?
20. Is the student able to express the project adequately in the oral presentation?

**Discussion on Contemporary Public Space (Experimental Production, Life and Meeting Center)**

Program:

Multi-Purpose Culture, Art and Production Spaces (open-closed spaces).....	5000 m <sup>2</sup>
Music Rehearsal And Performance Studios.....	1000 m <sup>2</sup>
Food and Drink Units.....	2000 m <sup>2</sup>
Workshops (Culture, Art, Gastronomy etc.) .....	3000 m <sup>2</sup>
Commercial Units (Shops and Open Offices) .....	2000 m <sup>2</sup>
Meeting and Seminar Halls.....	1000 m <sup>2</sup>
Temporary Accommodation Units.....	500 m <sup>2</sup>
Administrative Offices.....	500 m <sup>2</sup>
Motorcycle and Bicycle Parking.....	500 m <sup>2</sup>

Parking Garage

Required WC-Storage Areas

Circulation Areas - Indoor Outdoor - Semi-Open And Indoor Public Space

Urban Public Spaces