

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
ARC 2001	ARCHITECTURAL DESIGN III	2019-2020/FALL	4	4	6	10

Level of Course: Undergraduate

Course Type: Core Course

Language of the Course: English

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

Classroom: STD III

Office Hours: Wednesday 10.00-12.00

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

Prerequisites and

Co-requisites: Prerequisites: ARC 1002 Architectural Design Studio II

Course Coordinator: Lect. Ramazan SARI

Name of Lecturer(s): Part time Lecturer Ali Olgu Ceylan
Part time Lecturer Yalçın Korkmaz

Course Teaching Assistant: Selin Akdeğirmen Ercan

Course Objectives: This course aims to students get the knowledge and ability of design principles, elements, colors various materials and structural systems related with design thinking process regarding 500 m2 constructible area.

Course Description: Basic principles of architectural design studio providing appropriate design discussion environment for the students accompanied by one-to-one studio critics. By focusing on specific project area, design program and design topic, the students develop not only their individual design thinking but also realization and conceptualization of design ideas.

- Learning Outcomes:**
- Ability to gain design thinking methods by practice and research
 - Knowledge of design principles, elements, colors, materials.
 - Ability to transform abstract ideas to 3d objects, two-dimensional and three-dimensional works.
 - Ability to engage in problem solving by mixing practice and theory of design process.

Language: English

**Recommended
Text Books:**

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-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. In the first half of the semester is going to be built with class exercises which is 2D compositional design works in relation to the design principles. Second half of semester is going to be built on converting 2d composition into 3D models with design elements. 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.

Design Project Topic: Contemporary Rural Housing

1950s and 1960s experienced massive population migration from rural areas to urban areas. There were different reasons at background starting with expecting much more comfortable living environment by taking benefit from easily accessible consumables and public opportunities. Although the migration currency have getting down after 2000s, nowadays, it has been observed that there are reverse movements. Accepting these argument as a claim, the students are asked to research the background factors to go back from urban areas to rural areas (hometown) by systematically analyzing and then synthesize with their individual ideas and concepts to create a project which is required to bring innovative solution to the people come back to their hometown and provide appropriate opportunities to their changed life and current needs. It is important to notice that, the housing unit program has to include not only all necessities existent in a rural area but also comfort of urban area. In other words, it is expected from students that (i) analysis of living and built environment within urban areas for a family, (ii) inspection of necessities in rural area for a family, (iii) determination of comforts existent in urban areas that once were a reason for the people to migrate from their hometown, (iv) comment on the collected data and information and then (v) synthesize the collected data and the student individual comments and conclusions to create a unique design idea and concept. The method of the design studio practices will be continued as follows with respect to the aforementioned statements:

- Analysis the situation of migration of citizens from rural area to urban area
- Inspection of socio-economical and socio-architectural reasons at background of migration
- Detection of reverse migration of citizens from urban areas to rural areas
- Research on how the returned citizens continue their life in their hometown
- Listing the duties of architects on solving the architectural problems for these citizens to better adopt their new life in their hometown
- Data collection to comment on and conclude the situation within the eye of architects
- Development of unique design idea shaped by not only the requirements of the program but also ambitious and excitements of students.
- Improvement and progress on implementation of design ideas through establishment of a design concept and then design project.

Project Development Steps:

Step 1: Establishment of a building program

Step 2: Development of building design

Step 3: Optimizing and concluding the design project

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: regularly take critics, study hard and continuously.

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	Scale	
20.09.19	1	<ul style="list-style-type: none"> Introduction of Design Project Topic and Process 	Research on the topic, data collection through surveys,	-	
27.09.19	2	<ul style="list-style-type: none"> Site Visit 	Research on the topic, data collection through surveys, Analysis, Comments and conclusions	-	
04.10.19	3	<ul style="list-style-type: none"> Presentation of the Studies 	Synthesis of the findings with individual outcomes, development of building program, determination of requirements, Initial decisions, initial design ideas with clear illustrations	1:200	
11.10.19	4	<ul style="list-style-type: none"> Development and presentation of initial building program 	Initial decisions, initial design ideas with clear illustrations, relational diagrams, functional establishment of the design, future ideas, initial representations of design project with plans and sections	1:200	
18.10.19	5	<ul style="list-style-type: none"> Mid-Jury – 1 	Master Plan (1:500), Site Plan, Floor Plans, Sections, Circulations, Conceptual illustrations and expressions, Bubble diagrams, figures and schemas to express design ideas and concepts.	1:200	
25.10.19	6	<ul style="list-style-type: none"> Individual critics to develop the design project 	Development of design concept, establishment and implementation of design requirements, functional relations, conceptual ideas, flourishment of ideas with potential solutions	1:200	
01.11.19	7	<ul style="list-style-type: none"> Individual critics to develop the design project 	Development of design concept, establishment and implementation of design requirements, functional relations, conceptual ideas, flourishment of ideas with potential solutions	1:100	
08.11.19	8	<ul style="list-style-type: none"> Individual critics to develop the design project 	Development of design concept, establishment and implementation of design requirements, functional relations, conceptual ideas, flourishment of ideas with potential solutions	1:100	
15.11.19	9	<ul style="list-style-type: none"> Individual critics to develop the design project 	Development of design concept, establishment and implementation of design requirements, functional relations, conceptual ideas, flourishment of ideas with potential solutions	1:100	



22.11.19	10	• Mid-Jury – 2	Master Plan, Site Plan, Floor Plans, Sections, Elevations, 3 D views, Perspectives, Conceptual illustrations, diagrammatic expressions, design decisions, Figures and schemas	1:100	
29.11.19	11	• Individual critics to develop the design project	Optimization of design project, structural system solution, landscape design	1:50	
06.12.19	12	• Individual critics to develop the design project	Optimization of design project, structural system solution, landscape design	1:50	
13.12.19	13	• Individual critics to develop the design project	Optimization of design project, structural system solution, landscape design	1:50	
20.12.19	14	• Individual critics to develop the design project	Optimization of design project, structural system solution, landscape design	1:50	
2019 2020		FINAL JURY		1:50	

* 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.**

Assessment Methods and Criteria :	METHODS	EFFECTS ON GRADING
	Participation/Student Self-development	%20
	Mid-jury-1	%20
	Mid-jury-2	%20
	Final Jury	%40

ECTS Workload Table :	ACTIVITIES	NUMBER	HOUR	WORKLOAD
	Individual Critics	13	8	104

Project Development	16	4	64
Mid Jury Preparation	1	30	30
Mid Jury	2	2	4
Final Project Preparation	1	40	40
Final Jury	1	8	8
Total workload/25			250/25
ECTS			10

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.