

School of Fine Arts Design and Architecture / Architecture (English)

2023 - 2024 Academic Year

INTRODUCTION to DESIGN II

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
INTRODUCTION to DESIGN II	ARC1223850	Spring Semester	2+6	5	6
Prerequisites Courses	TASARIMA GİRİŞ I				
Recommended Elective Courses					
Language of Instruction	English				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Yazgı AKSOY				
Name of Lecturer(s)	Assist.Prof. Bengi ATUN, Lect. Aslı ÇALIKOĞLU, Lect. Barış TEKCAN, Lect. Hüseyin Ali KORKUT, Lect. Zeynep YILMAZ				
Assistant(s)	Res. Asst. Özcan Ernur Aktaş				
Aim	For Department of Architecture, Department of Interior Architecture and Environmental Design, Department of Urban Design and Landscape Architecture: In the second semester of the training, the student is primarily aimed to recognize the users and their environment, program, functional and structural concept. On a structure group (shelter function), scheduling, location-structure-space relationships, spatial organization in whole and unit scale are heading to be addressed particularly structural features in the design process. For Industrial Design Department: Three dimensional, structural and simple functional design studies. Moving with different materials, design studies on mass, texture and light. Design as problem solving method. Creativity strategies in design. For Visual Communication Design Department: Tools and Technologies, Printing / Printing Production and Presentation, Web and Interactivity Expert Methods and Collaborations				
Course Content	This course contains; Getting to know each other, introduction to the program "ABOUT PLACE, ABOUT FUNCTION"Field Trip ,Critique of Analyzes(1/1000-1/200- Concept Map-1/100 Land Model and Section),- Concept development seminar (video can be watched together during class time)- Discussions on specific housing examples (weekend house, country house, chalet, etc.), analysis of the concept and design criteria of a selected project- Creating a relationship diagram of the user needs diagram (open + closed area).- Determining and zoning user open usage areas on 1/200 site plan- Testing weekend house layout alternatives on a 1/100 model- Ergonomic Vertical Circulation Seminar,- Testing weekend "place" layout alternatives on a 1/100 model- Developing a 1/100 site plan including walking paths, green areas, parking and weekend place boundaries,- Taking critiques on the site plan- Discussions regarding the spatial program and conducting a stain drawing- Taking 1/100 plan and section, elevation critiques of the weekend place,- Taking critiques on the site plan- Taking 1/100 plan and section, elevation critiques of the weekend place,INTERMEDIATE JURYANALYSIS POSTER - 1:1000,1/200 Analyzes, SynthesisDESIGN POSTERS- 1:100 Site Plan- 1:100 Land Sections,- 1:100 Models - 1:100 Plan, Section, Elevations Technical Drawings- A3 Design Concept Poster(all kinds of two- and three-dimensional diagrams, texts, sketches, collages, photographs, video/film, etc. narrative techniques explaining the design strategies and conceptual approach can be used). * Detailed explanations are stated in the leaflet, Sketch exam,- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter,- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter,- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter-Making a sketch-up model of the building,- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter-Making a sketch-up model of the building,FINAL JURY- 1:100 Site Plan- 1:100 Land Sections, silhouette- 1:100 Models- 1:100 Plan, Section, Elevation Technical Drawings- 3D Model- A3 Design Concept Sheet (all kinds of two- and three-dimensional diagrams, texts, sketches, collages, photographs, video/film, etc. narrative techniques explaining the design strategies and conceptual approach can be used). * Detailed explanations are stated in the leaflet,-Making revisions based on critiques on Final Jury and completing the missing drawings, if any.SEMINAR: How to Make a Poster.				
Course Learning Outcomes		Teaching Methods		Assessment Methods	
Students will explain the importance of design in the function-equipment-action relationship. Students, two and three-dimensional thinking in the design process, improves the ability to be dominated by different scales.		2		F	
Establishes the interaction between natural and artificial social environment.		9		F	
Students will design and develop 2D and 3D architectural expressions techniques.		6		F	
interacts with the natural, artificial and social environment.		12		F	
develops 2 and 3 dimensional expressions in the design.		6		F	
Teaching Methods	12: Problem Solving Method, 2: Project Based Learning Model, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	F: Project Task				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Getting to know each other, introduction to the program "ABOUT PLACE, ABOUT FUNCTION"Field Trip				
2	Critique of Analyzes(1/1000-1/200- Concept Map-1/100 Land Model and Section)				
3	- Concept development seminar (video can be watched together during class time)- Discussions on specific housing examples (weekend house, country house, chalet, etc.), analysis of the concept and design criteria of a selected project- Creating a relationship diagram of the user needs diagram (open + closed area).- Determining and zoning user open usage areas on 1/200 site plan- Testing weekend house layout alternatives on a 1/100 model- Ergonomic Vertical Circulation Seminar				
4	- Testing weekend "place" layout alternatives on a 1/100 model- Developing a 1/100 site plan including walking paths, green areas, parking and weekend place boundaries				
5	- Taking critiques on the site plan- Discussions regarding the spatial program and conducting a stain drawing- Taking 1/100 plan and section, elevation critiques of the weekend place				
6	- Taking critiques on the site plan- Taking 1/100 plan and section, elevation critiques of the weekend place				

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Lecture Schedule		
Sequence	Topics	Preliminary Preparation
7	INTERMEDIATE JURY ANALYSIS POSTER - 1:1000, 1/200 Analyzes, Synthesis DESIGN POSTERS- 1:100 Site Plan- 1:100 Land Sections,- 1:100 Models- 1:100 Plan, Section, Elevations Technical Drawings- A3 Design Concept Poster (all kinds of two- and three-dimensional diagrams, texts, sketches, collages, photographs, video/film, etc. narrative techniques explaining the design strategies and conceptual approach can be used). * Detailed explanations are stated in the leaflet.	
8	Sketch exam	
9	- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter	
10	- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter	
11	- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter-Making a sketch-up model of the building	
12	- Developing the weekend place design holistically together with the site plan,- Criticizing 1/100 model, plan and section views of the shelter-Making a sketch-up model of the building	
13	FINAL JURY- 1:100 Site Plan- 1:100 Land Sections, silhouette- 1:100 Models- 1:100 Plan, Section, Elevation Technical Drawings- 3D Model- A3 Design Concept Sheet (all kinds of two- and three-dimensional diagrams, texts, sketches, collages, photographs, video/film, etc. narrative techniques explaining the design strategies and conceptual approach can be used). * Detailed explanations are stated in the leaflet.	
14	-Making revisions based on critiques on Final Jury and completing the missing drawings, if any. SEMINAR: How to Make a Poster	
Evaluation Methods		Weight(%)
Midterm Exam		50
General Exam		50

Resources
<p>To be distributed by the lecturer.</p> <p>Alejandro Bahamon (2008), Sketch: Houses, Loft Publications</p> <p>Bertelsmann Fachverlag (1970), Bauentwurfslehre, Bertelsmann Fachverlag Publishing</p> <p>Charles G. Ramsey, Harold R. Sleeper (2000), Architectural Graphic Standards, Wiley and Sons</p> <p>Elissa Aalto (1990), Alvar Aalto, Editions d'architecture Artemis</p> <p>Francis D.K. Ching (2004), İç Mekan Tasarımı, Yapı Endüstri Merkezi Yayınları / Mimarlık Dizisi</p> <p>John F. Pile (2002), Interior Design, Prentice Hall College Div</p> <p>Joseph De Chiara (2001), Time Saver Standards for Building Types, McGraw-Hill</p> <p>Kenneth Frampton (2005), Campo Baeza (Light is More), Tf Editions</p> <p>Koos Eissen (1988), Presenting Architectural Designs, Van nostrand Reinhold Maasao</p> <p>Furuyama (2005), Tadao Ando, Taschen</p> <p>Necati İnceoğlu (1995), Düşünme ve Anlatım Aracı Olarak Eskizler, Helikon Yayınları</p> <p>Peter Gössel (1996), Architecture in the Twentieth Century, Taschen</p> <p>Philip Jodidio (1997), Sir Norman Foster, Taschen</p> <p>Rob Krier (2002), Architectural Composition, Rizzoli</p> <p>Robert W. Gill (1984), Manual of Rendering with Pen and Ink, Van Nostrand Reinhold</p> <p>The Modulor (2004), Le Corbusier, Springer</p> <p>Tom Porter, Sue Goodman (1988), Manuel of Graphic Techniques, Architectural Press</p> <p>Udo Kultermann (2010), Kenzo Tange and the Metabolist Movement, Taylor</p> <p>De Bone, E., 1990 Lateral thinking: Creativity Step-By-Step, HarperCollins</p> <p>Zelanski, P., 1996 Design Principles and Problems, Harcourt College Publishers</p> <p>Lauer, D., Pentak, S. 2008. Design Basics, Boston: Thomson Woodsworth</p>