



DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 1107	MODELLING TECHNIQUES	2024-2025 / FALL	3	0	3	3

**Level of Course:** Undergraduate  
**Course Type:** Core Course  
**Language of Instruction:** English  
**Course time:** Monday, Sec I- 13:30-16:30, Wednesday Sec II-09.00– 12.00  
**Course classroom:** BB-35  
**Mode of Delivery:** One o one critique, Class Teaching, Presentation, Classwork  
**Prerequisites and Co-requisites:** -  
**Course Coordinator:**

**Name of Lecturer(s):** Asst. Prof. Dr. Setenay UÇAR

**Course Teaching Assistant:**

**Course Objectives:** This course aims to identify and develop individual strengths in material investigation and architectural model-making, and to develop an understanding of the significant role of 3D manual processes within a design context.

**Course Description:** This course introduces various methods that will help and inspire students to advance their creative ideas and design projects. Students will gain skills in a practical way to focus on sketch models for the early stages of a design process. They will continue with improving their representations. For the further development, detailed models of the creative ideas will be used.

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

1. Ability to explore alternative model-making materials.
2. Ability draw relationships between spatial qualities and the tactile, sensory and symbolic properties of materials during the thinking-making process.
3. Understanding the aspects of tectonic assembly, abstraction, representation and scale.
4. Learn to develop physical representation of their ideas.

**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.



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**Text Books:** --

**Recommended Text Books:** 1. 'Model-Making: Materials and Methods, David Neat ,2008.  
2. Designing with Models: A Studio Guide to Making and Using Architectural Design Models, Criss B. Mills , 2005.

**For the terminology:** 3. Francis D. K. Ching, 2005. *"Interior Design Illustrated*, John Wiley&Sons.  
4. Interior Design by Jenny Gibbs  
5. Philosophy of Interior Design by Abercrombie, S.

**Reading Text books:** 6. Model Making: Conceive, Create and Convince by Bernard Otte, Arjan Karszen  
7. Architectural Model making (Portfolio Skills: Architecture) by Nick Dunn  
8. New Concepts Architectural Models, Elias Caballero ,2009.

**Planned Learning Activities and Teaching Method:** **Learning/Teaching Method:** This is a studio course and students learn about model making by engaging in classwork and homework. The studio practice is supported by short verbal lectures at the beginning of the course and later individual hand-on exercises in the classroom.

**Assignments:** A series of assignments will be given to students. Students will start doing the assignments in the classroom and continue the assignment at home.

**Assignment Development:** At the end of each assignment the outcome will be evaluated in an open jury.

**Class Participation:** Regular attendance of all enrolled classes is expected. **For this course minimum 80% attendance is expected.** 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.

**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 text books and also do researches on the variety of architectural presentation techniques.

**Key Works:** In this studio course assignments mainly focus on clear and creative 3d presentation of design ideas.



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**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. Bringing necessary materials to work in the classroom is obligatory.

**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	
23.09.2024 25.09.2024	1	<b>Introduction to the Course - Warm up Model</b>	Preparing the materials for Ass. 1 : Papers and cardboard 70*100	
30.09.2024 02.10.2024	2	<b>Presentation about modelling Paper Sculpture -Classwork</b>	Finalize Ass. 1	
07.10.2024 09.10.2024	3	<b>Sub. Of Ass. 1 Landscape Modelling -Classwork Ass. Critiques</b>	Continue with landscape modelling	
14.10.2024 16.10.2024	4	<b>Finalize Ass. 2 and Sub. Of Ass. 2 Landscape Modelling Ass. Critiques Choose 2 chair samples</b>	Preparing the materials for Ass. 3 : Choose 2 chair samples and Prepare modeling materials for both selections	
21.10.2024 23.10.2024	5	<b>Ass. 3: Chair modelling (1/20) Ass. Critiques</b>	Continue with chair modelling	
28.10.2024 30.10.2024	6	<b>Ass 4: Chair modelling (1/10) Ass. Critiques</b>	Finalize Ass. 3-4	
04.11.2024 06.11.2024	7	<b>Sub. Of Ass. 3 and Ass. 4 Customizing the Chair (1/10) - Midterm Project Preparation</b>	Midterm Project Preparation	
	8	<b>MIDTERM</b>		



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18.11.2024 20.11.2024	9	Model presentation techniques Perspective information	Collecting materials for cool and warm rooms	
25.11.2024 27.11.2024	10	Warm and Cool Colours Sensory Rooms	Prepare presentation for sample of 5 cool and 5 warm rooms	
02.12.2024 04.12.2024	11	Warm and Cool Colours & Materials Lighting and Colour sample of Mood Boards -Classwork	Ass. 6: Create interior design mood board for: Bedroom Living Room Toilet/Washroom	
09.12.2024 11.12.2024	12	Continue with sensory rooms - Final Project Preparation 1/100 -Critiques	Final Project Preparation	
16.12.2024 18.12.2024	13	Continue with sensory rooms - Final Project Preparation 1/100 -Critiques	Final Project Preparation	
23.12.2024 25.12.2024	14	Continue with sensory rooms - Final Project Preparation 1/50 -Critiques	Final Project Preparation	
30.12.2024 (all sections will be on 30.12.24)	15	Finalize the final submission -Critiques	Final Project Preparation	
<b>FINAL EXAM</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 projects will be evaluated based on the requirements that will be announced in the classroom. Assignments will be evaluated based on the quality of presentation. Students' progress also will be evaluated throughout the semester based on their performance in classroom. Students with the Final Grade below C- (50) are required to repeat the course.

Assessment Methods and Criteria :	METHODS	EFFECTS ON GRADING		
	Classwork/Project Developments(s)	30 %		
	Midterm Project	20 %		
	Final Project	50 %		
ECTS Workload Table :	ACTIVITIES	NUMBER	HOUR	WORKLOAD

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Course Teaching Hours	<b>13</b>	<b>3</b>	<b>39</b>
Classwork/Project Developments(s)	<b>10</b>	<b>1</b>	<b>10</b>
Midterm Project Preparation	<b>1</b>	<b>8</b>	<b>8</b>
Final Project Preparation	<b>1</b>	<b>18</b>	<b>18</b>
<b>Total Workload</b>	<b>0</b>	<b>0</b>	<b>52</b>
<b>Total workload/25</b>			<b>75/25</b>
<b>ECTS</b>			<b>3</b>

**GRADING AND EVALUATION**

Students' grades point lower **than 50** will be considered as failed

Grade Scale:

GRADE	MARKS	VALUE	GRADE	MARKS	VALUE
A+			C+	60-64	2.40
A	95-100	4.00	C	55-59	2.20
A-	85-94	3.70	C-	50-54	2.00
B+	80-84	3.30	D+	45-49	1.70
B	75-79	3.00	D	40-44	1.50
B-	65-74	2.70	F	0-39	0.00