



DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 3107	MEASURED DRAWINGS	2020-2021Fall	1	2	2	3

**Level of Course:** Undergraduate

**Course Type:** Core Course

**Language of Instruction:** English  
**Course time:** 9:30-12:00

**Course classroom:**

**Mode of Delivery:** Class Teaching, Presentation, assignments

**Prerequisites and Co-requisites:** None

**Course Coordinator:**

**Name of Lecturer(s):** Inst. Hakan Hacıoğlu

**Course Teaching Assistant:**

**Course Objectives:** The main objective of this course is to make students to be able to take measured drawings of existing buildings and to transfer the sketch drawings into scaled ones.

**Course Description:** The course starts with measured drawing of furniture and step by step students learn to take measured drawings of different kinds of spaces.

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

- Understands the concept of measured drawing and measurement in the interior architecture profession,
- Apply measurement techniques by using traditional, electronic, optical tools and devices in measurement. To able to recognize and separate different interior architecture style
- Converting the measurements taken to scaled drawings as plan-section-elevation

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.

**Language:** English

**Text Books:** There is no specific text book for this course.

**Recommended Text Books:** **Ahunbay, Z.** Tarihi Çevre Koruma ve Restorasyon, İstanbul, YEM Yayınevi, 1996.  
**Çamlıbel, N.** Mimarlar için Ölçme Bilgisi: Rölöve Ölçmeleri, İstanbul, 1999.  
**Chithan, R.** Measured Drawing for Architects, Oxford, 2007.

**For the terminology:** -

**Reading Text books:** **Uluengin, M. B.** Rölöve, İstanbul, 2002

**Planned Learning Activities and Teaching Method:**

**Learning/Teaching Method:** The expected learning outcomes for the course will be assessed through: Individual Presentations, a Midterm Exam, Final Project and Class discussions and feedback.

**Assignments:** Measured drawing of a furniture, measured drawing of kitchen, measured drawing of house and converting these drawings in to scaled drawings.

**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 30%, 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. 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.

**Key Works:** In this course lectures and assignments mainly focuses on measured drawings.

**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.

DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

4. Follow directions the first time they are given.
5. Students should raise their hand to signal a question or to answer a question.
6. Students should use the Internet at school for academic purposes only.
7. 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
15.09.2021	1	Introduction to the course	
22.09.2021	2	Aim of architectural survey and its historical background,	Homework- Sketch Plan Drawing of Your Room
29.09.2021	3	Survey tools, preliminary research	Homework- Sketch Section Drawing of Your Room
06.10.2021	4	Field Trip and analysis(Drawing of Studio), visual tools, measurement taking	Homework- Measured Drawing of Your Room (Both Plan & Section)
13.10.2021	5	Surveying and Documentation Methods, Different Techniques	Homework- Sketch Plan Drawing of Studio
20.10.2021	6	Research about the context of the survey building and hand drawings, sketches	Homework- Measured Drawing of Your Studio (Both Plan & Section)
27.10.2021	7	How to give dimensions on measured drawings	
	8	<b>MIDTERM</b>	
10.11.2021	9	Technical Details Drawing I & Digitalization of the Drawings.	Homework- Measured Drawing of Bathroom (plan,section, elevation)

17.11.2021	10	Creating Measured Drawings on AutoCAD	Measured drawing of kitchen (plan, section, elevation)
24.11.2021	11	Technical Details Drawing II & Digitalization of the Drawings.	
01.12.2021	12	Architectural Photographing for Measured Drawings & Survey	Measured drawing of bedroom (plan, section, elevation)
08.12.2021	13	Studio critiques on survey drawings and photogrammetry techniques	
15.12.2021	14	Review all over the topics	
			<b>FINAL EXAM</b>

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

**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 both writing and graphics).

**Assessment Methods and Criteria :**

METHODS	EFFECTS ON GRADING
Homework and Attendance	%20
Midterm Project	%30
Final Presentations	%50

**ECTS Workload Table :**

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	13	3	45
Assignment(s)	3	7	21
Self-study for Midterm Project	1	10	10
Self-study for Final Project	1	14	14
<b>Total Workload</b>	<b>0</b>	<b>0</b>	<b>75</b>
<b>Total workload/25</b>			<b>75/25</b>
<b>ECTS</b>			<b>3</b>



**GRADING AND EVALUATION**

The students' progress will be evaluated throughout the semester.

Grade Scale:

GRADE	MARKS	VALUE	GRADE	MARKS	VALUE
A+			C+	60-64	2.30
A	95-100	4.00	C	55-59	2.00
A-	85-94	3.70	C-	50-54	1.70
B+	80-84	3.30	D+	45-49	1.30
B	75-79	3.00	D	40-44	1.00
B-	65-74	2.70	F	0-39	0.00