DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 2162	ArchiCAD for Interior Design	2023-2024 / Fall	3	0	3	3

Level of Course: Undergraduate

Course Type: Elective

Language of Instruction: English

Course time: 09.00-12.00 Thursday

Course classroom: BG-04

Mode of Delivery: Presentation, Assignments

Prerequisites and Co-requisites: None

Course Coordinator:

Name of Lecturer(s): Lec. Kadir Emre BAKIR

Course Teaching Assistant:

Course Objectives: This course aims to provide intermediate-level knowledge of ArchiCAD for interior design with practices. Practises ease to understand modelling, documenting and collaboration concepts of ArchiCAD and its usage for projects.

Course Description: Creating and documenting models by using ArchiCAD is the main purpose of the course. Preparing detailed layouts to communicate with stakeholders contribute students to strengthen their presentation and communication skills. This course requires basic knowledge of ArchiCAD.

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

- Students will be able to recognize complex modeling tools and methods in ArchiCAD.
- Students will be able to use different design tools of ArchiCAD.
- Students will be able to create different views (plans, elevations, sections, 3D views etc.) retrieved from 3D models.
- Students will be able to create renovation models and detail models.
- Students will be able to create presentation boards, layouts by using ArchiCAD.

Language: The class and discussions will be in English.

Text Books:	-

Recommended Text Books:	• MacKenzie, S. H., Rendek, A. (2015). ArchiCAD 19 – The Definitive Guide, Packt Publishing.

For the terminology:	-

Reading Text books:	-

Planned Learning Activities and Teaching Method:

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

Assignments: Students are required to complete and submit assignments for both in class exercise and homeworks according to syllabus.

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 15 minutes 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 20% for the practice and %30 for the theory, 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 preparing students to the professional life and creating a 3D model by using ArchiCAD.

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.

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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 lecturer during his/ her office hours. If you cannot make it to announced office hours, please make individual arrangements via e-mail. However, do not expect the lecturer 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
05.10. 2023	1	**Introduction to ArchiCAD** -User Interface (Menus, tools and tabs) -Working units	Further Research, online tutorials
12.10. 2023	2	**Creating ArchiCAD template file** -Customizing menus, toolbars, etc.	Further Research, online tutorials
19.10. 2023	3	**Attributes (Fills, Pen Sets, etc.)** -Creating user defined fills and pen sets	**Ass 1:** Will be announced during the course Further Research, online tutorials
26.10. 2023	4	**Complex Profiles** -Creating detailed walls, railings, roofs through complex profiles	Further Research, online tutorials
02.11. 2023	5	**Object Creation** - Object Creation - Assigning different parameters to objects	**Ass 2:** Will be announced during the course Further Research, online tutorials
09.11. 2023	6	**Object Creation** - Object Creation - Assigning different parameters to objects	Further Research, online tutorials
16.11. 2023	7	**Model Creation** -Marking model objects for revisions **General Practice before Midterm**	Further Research, online tutorials
	8	**MIDTERM EXAM WEEK**	
30.11. 2023	9	**Renovation Tool** -Marking model elements as "existing", "new construction" and "to be demolished"	**Ass 3:** Will be announced during the course Further Research, online tutorials
07.12. 2023	10	**2D Detailing** -Creating 2D details by using line, polyline, fills, etc. -Labeling elements to define their properties -Adding dimensions and annotations	Further Research, online tutorials

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14.12. 2023	11	**3D Detailing** -Creating different 3D views with different settings -Labeling elements to define their properties -Adding dimensions and annotations	Further Research, online tutorials	
21.12. 2023	12	**Creating Schedules for Quantity Take-off** -Creating material and furniture schedules	**Ass 4:** Will be announced during the course Further Research, online tutorials	
28.12. 2023	13	**Creating Layouts** -Placing drawings onto layouts -Creating PDF files of layouts	Further Research, online tutorials	
04.01. 2024	14	**General Review before Final**	Further Research, online tutorials	
			FINAL PROJECT	

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

Grading: Midterm and final exam responses will be evaluated for accuracy, thoughtfulness and clarity be evaluated for content, quality of ideas and clarity of presentation (including both writing and graphics). If total assessment grade is lower than 50, student will fail.

Assessment Methods and Criteria :

METHODS	EFFECTS ON GRADING
Assignments	%20
Midterm Exam	%30
Final Project	%50
	%100

ECTS Workload Table :

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	13	3	39
Assignments	4	3	12
Self-study for Midterm Project	1	10	10
Self-study for Final Project	1	14	14
Total Workload	**0**	**0**	**75**
Total workload/30			**75/25**
ECTS			**3**

ANTALYA BİLİM
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GRADING AND EVALUATION

If total assessment grade is lower than 50, student needs to repeat the course.

Grade Scale:

GRADE	MARKS	VALUE
A+		
A	95-100	4.00
A-	85-94	3.70
B+	80-84	3.30
B	75-79	3.00
B-	65-74	2.70

GRADE	MARKS	VALUE
C+	60-64	2.40
C	55-59	2.20
C-	50-54	1.70
D+	45-49	1.30
D	40-44	1.00
F	0-39	0.00