DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

Course Code	Course Name	Year/Semester	Theory	Practice	Credits	ECTS
IAED 3161	Revit for Interior Design	2025-2026 / Fall	3	0	3	3

Level of Course: Undergraduate

Course Type: Area Elective

Language of Instruction: English

Course time: Monday 13.30-16.30

Course classroom: BB-36

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 Revit for interior design with practices. Practises ease to understand the logic of Revit and its usage for projects.

Course Description: Gaining ability to detail 3D models by using Revit is the main purpose of the course. Preparing sheets that include both drawings and schedules to communicate with stakeholders and exploring areas of usage of Revit for interior design contribute students to strengthen their presentation and communication skills. This course requires basic knowledge of Revit.

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

- Students will be able to recognize Revit interface
- Students will be able to create detailed 3D models by using model elements (walls, furniture, doors, windows, etc.)
- Students will be able to create different views (plans, sections, elevations, 2D and 3D details, etc.) and schedules
- Students will be able to convert 3D models into renovation models and mark model elements as existing, to be demolished and new construction
- Students will be able to create sheets and will be able to place views onto these sheets to print them as PDF files

Language: The class and discussions will be in English.

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Text Books:	-
Recommended Text Books:	• Hamad, Munir. (2019). Autodesk Revit 2020 Architecture, Mercury Learning & Information (Downloadable E-Book).
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 homework 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 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.

Use of Artificial Intelligence (AI):
Students are permitted to use artificial intelligence (AI) tools (such as ChatGPT, Grammarly, etc.) for grammar correction and academic writing improvement throughout their work. However, AI-generated original content (e.g., analysis, paragraph writing, conceptual description, etc.) must not exceed 20% of the submitted material.
In any case where AI tools are used, students are required to include a clear declaration within the assignment/report/submission. This declaration must include the name of the AI tool/model used, the specific purpose, and a brief explanation of how it contributed to the work.
Example declaration:
"I used ChatGPT-4 for proofreading and restructuring the introductory paragraph."

Failure to declare the use of AI tools when applied will be treated as a violation of academic integrity and plagiarism policies and may result in disciplinary action.

Course Textbooks: 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 Autodesk Revit.

Specific Rules:
1. **Be punctual. Punctuality is a sign of respect toward yourself and the others.**
2. **Students must bring their personal computers along.**
3. Show respect for all the people and property around you.
4. Be responsible for your actions and meet all expectations.
5. Follow directions the first time they are given.
6. Students should raise their hand to signal a question or to answer a question.
7. Students should use the Internet at school for academic purposes only.
8. 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
22.09.25	1	**Introduction to Revit** -Information Model and Data -User Interface (Ribbon, tabs, palettes) -Project units -File types (.rvt, .rfa, .rte)	Further Research, online tutorials
29.09.25	2	**Setting up Working Environment** -Adjusting Working Units -Datum Elements (Levels and Grids)	Further Research, online tutorials
6.10.25	3	**Basics of Parametric Object Modelling** - Introduction to Parametric Objects -Wall Tool and Customizing Basic Walls -Exterior and Interior Walls	Further Research, online tutorials
13.10.25	4	**Floor Tool** - Sketch Based Modelling Elements - Customizing Floors	Further Research, online tutorials
20.10.25	5	**Window Tool** - Placing Windows & Wall Openings - Customizing Windows	**Assignment 1** will be announced during the course Further Research, online tutorials

27.10.25	6	**Door Tool** - Placing Doors & Wall Openings - Customizing Doors	Further Research, online tutorials	
03.11.25	7	**General Practice before Midterm**	Further Research, online tutorials	
	8	**MIDTERM WEEK**		
17.11.25	9	**Ceiling & Roof Tools** - Ceiling Types - Customizing Doors	Further Research, online tutorials	
24.11.25	10	**Stair and Railing Tools** - Staircases and Customizing Subcomponents -Railings and	Further Research, online tutorials	
01.12.25	11	**Component Tool** - Adding Furniture and Equipments	Further Research, online tutorials	
08.12.25	12	**Views** -Plans, elevations, sections, details -Exploded Perspectives	**Assignment 2** will be announced during the course Further Research, online tutorials	
15.12.25	13	**Sheets and Titleblocks** - Adding Annotations (Texts, and Dimensions - Placing drawings on sheets	Further Research, online tutorials	
22.12.25	14	**Schedules & PDF Export of Sheets** -Preparing Schedules and Customization -PDF Export of Sheets	Further Research, online tutorials	
29.12.25	15	**General Review before Final**		
			FINAL SUBMISSION	

* 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 clarit will 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 needs to repeat the course.

Assessment Methods and Criteria:

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

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ECTS Workload Table:

ACTIVITIES	NUMBER	HOUR	WORKLOAD
Course Teaching Hours	14	3	42
Assignments	2	4	8
Self-study for Midterm Submission	1	10	10
Self-study for Final Submission	1	15	15
Total Workload	**0**	**0**	**75**
Total workload/30			**75/25**
ECTS			**3**

GRADING AND EVALUATION

The students' progress will be evaluated throughout the semester.
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