

PART I (Senate Approval)							
Offering School	Antalya Bilim University-Faculty of Fine Arts and Architecture						
Offering Department	Interior Architecture and Environmental Design						
Program(s) Offered to	Interior Architecture and Environmental Design					Elective	
Course Code	IAED 3161						
Course Name	Revit for Interior Design						
Language of Instruction	English						
Type of Course	Theory & Practice						
Level of Course	Undergraduate						
Hours per Week	Lecture:3	Laboratory:	Recitation:	Practical: 0	Studio:	Other:	
ECTS Credit	3						
Grading Mode	Letter Grade						
Pre-requisites	None						
Co-requisites	None						
Registration Restriction	None						
Educational Objective	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	LO1	Introduction to Revit					
	LO2	Creating detailed 3D models by using model elements (walls, furniture, doors, windows etc.)					
	LO3	Creating different views (plans, sections, elevations, 2D and 3D details, etc) and schedules					
	LO4	Converting 3D models into renovation models and marking model elements as existing, to be demolished and new construction etc.					
	LO5	Creating sheets and placing views (plans, elevations, sections etc.) onto these sheets and printing sheets as PDF files					
PART II (Faculty Board Approval)							
Basic Outcomes (University-wide)		Program Outcomes	LO1	LO2	LO3	LO4	LO5
	PO1	Ability to communicate effectively and write and present a report in Turkish and English.					
	PO2	Ability to work individually, and in intra-disciplinary and multi-disciplinary teams.					
	PO3	Recognition of the need for life-long learning and ability to access information , follow developments in science and technology, and continually reinvent oneself.					
	PO4	Knowledge of project management, risk management, innovation and change management, entrepreneurship, and sustainable development.					
	PO5	Awareness of sectors and ability to prepare a business plan.					
	PO6	Understanding of professional and ethical responsibility and demonstrating ethical behavior.					
Faculty Specific Outcomes	PO7	Gain the ability of conceptualizing, applying, analyzing, synthesizing and evaluating information effectively (Critical Thinking).					
	PO8	Produce innovative ideas and products with creativity (Creativeness).					
	PO9	Gain the ability of leadership, entrepreneurship and self-leadership skills (Leadership and Entrepreneurship).					
	PO10	Care about the ethical values and principles; behave in accordance with these in professional and social life (Ethical Behavior).					
	PO11	Understand, define and reach the information that they need; use information effectively and share it with others (Information Literacy).					
	PO12	Use information effectively and communication technologies while learning, and can share their knowledge and experience with others using technology and visual means (Information and Communication Technology Literacy).					

Discipline Specific Outcomes (program)	PO13	Global Context: To have a global perspective and consider social, cultural, economic, and ecological contexts in all areas of work.					
	PO14	Collaboration: To have the ability to collaborate with disciplines that the field interacts with.					
	PO15	Business Practice and Professionalism: To understand the principles, processes, and responsibilities that define the value of the profession to society.					
	PO16	Human-Centered Design: To integrate physical, social, and cultural dimensions of the built environment, considering human experience and behavior in the design process through analysis.					
	PO17	Design Process: To creatively solve a design problem using all aspects of the design process.					
	PO18	Communication: To have the ability to express and present ideas and thoughts effectively through verbal, written, and visual means, including in English, throughout the design and implementation process.					
	PO19	History: To have knowledge of the history of the profession and make design decisions sensitive to cultural heritage and historical/natural environments.					
	PO20	Design Elements and Principles: To be proficient in adopting design elements and principles in design approaches.					
	PO21	Light and Color: To apply principles and theories related to light and color in terms of environmental impact and human comfort effectively.					
	PO22	Products and Materials: To have knowledge of production, assembly, and maintenance requirements of interior fixtures, materials, and accessories, and to gain the ability to make selections and applications based on aesthetic, ergonomic, safety, and cost criteria.					
	PO23	Environmental Systems and Human Comfort: To apply principles related to environmental impact and human comfort, including acoustics, thermal comfort, indoor air quality, plumbing systems, and waste management.					
	PO24	Construction/Building/Structure: To understand the relationship between interior construction and its connection to basic building construction and systems.					
	PO25	Regulations and Guidelines: To be proficient in applying laws, regulations, and standards related to professional practice, including sustainability, fire safety, construction, materials, accessibility, intellectual and industrial property rights, and incorporating them into the design process.					

PART III (Department Board Approval)

Course Subjects, Contribution of Course Subjects to Learning Outcomes, and Methods for Assessing Learning of Course Subjects	Subject	Week	Subject Explanation	LO1	LO2	LO3	LO4	LO5
	S1	1	Introduction to Revit					
	S2	2	Creating Revit Template File					
	S3	3	Basics of Parametric Object Modeling					
	S4	4	Creating Parametric Furniture					
	S5	5	Customizing Basic Walls and Stacked Walls					
	S6	6	Customizing Railings and Subcomponents					
	S7	7	Creating Parametric Doors and Windows in Revit					
	S8	8	Midterm (Project Submissions)					
	S9	9	Setting Lineweights, Line Patterns, Fill Patterns etc.					
	S10	10	Creating 2D Details (Dimensioning, Tagging)					
	S11	11	Creating 3D Details (Dimensioning, Tagging)					
	S12	12	Phasing and renovation					
	S13	13	Creating Schedules (Quantity Take-Off etc)					
	S14	14	Creating Sheets (Presentation Boards)					

No	Type	Weight	Implementation Rule	Make-Up Rule
A1	Assignments	20%	Creating parametric objects, views and schedules, the use of renovation tools will be evaluated.	

Assessment Methods, Weight in Course Grade, Implementation and Make-Up Rules	A2	Midterm Project	30%	Creating Parametric Furniture, Door and Window will be evaluated.			
	A3	Final Project	50%	Creating parametric objects, views and schedules, the use of renovation tools will be evaluated.			
	TOTAL					100%	
Evidence of Achievement of Learning Outcomes	Students will demonstrate learning outcomes through Midterm and Final submissions.						
Method for Determining Letter Grade	Upon successful completion of all assessment methods, the total scores will be averaged and converted into a final letter grade using the following percentages and grading criteria.						
	ASSESSMENT METHOD	EFFECT ON GRADING		GRADE	MARKS	GRADE	MARKS
	Assignments	20%		A+	-	C+	60-64
	Midterm Project	30%		A	95-100	C	55-59
	Final Project	50%		A-	85-94	C-	50-54
				B+	80-84	D+	45-49
				B	75-79	D	40-44
			B-	65-74	F	0-39	
Teaching Method, Student Work Load	No	Method	Explanation		Hours		
	Time expected to be allocated by instructor						
	1	Lecture	Screen shared practical lecturing and guide for practice of the students.		14x3=42		
	Time expected to be allocated by student						
	2	Assignments			2x4=8		
	3	Midterm Project Preparation			1x10=10		
	4	Final Project Preparation			1x15=15		
TOTAL					75 hours		
IV. PART							
Instructor	Name	Lec. KADIR EMRE BAKIR					
	E-mail	kadir.bakir@antalya.edu.tr					
	Phone Number						
	Office Number						
	Office Hours	4 hours (according to school semestre)					
Course Materials	Mandatory						
	Recommended	Hamad, Munir. (2019). Autodesk Revit 2020 Architecture, Mercury Learning & Information.					
Other	Scholastic Honesty	Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabricating information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students. Any for of scholastic dishonesty is a serious academic violation and will result in a disciplinary action.					
	Students with Disabilities	Reasonable accommodations will be made for students with verifiable disabilities.					
	Safety Issues	Security is provided by the Rectorate's occupational health and safety specialist.					
	Flexibility	Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes.					

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