ECTS Course Description Form

PART I (Senate Approval)

Offering School	Antalya Bilim University-School of Fine Arts and Architecture					
Offering Department	Interior Architecture and Environmental Design					
Program(s) Offered to	Interior Architecture and Environmental Design					Must
Course Code	IAED 1107					
Course Name	MODELLING TECHNIQUES I					
Language of Instruction	English					
Type of Course	Theory&Practical					
Level of Course	Undergraduate					
Hours per Week	Lecture: 3	Laboratory:	Recitation:	Practical:	Studio:	Other:
ECTS Credit	3					
Grading Mode	Letter Grade					
Pre-requisites	None					
Co-requisites	None					
Registration Restriction	None					
Educational Objective	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	**LO1**	Ability to explore alternative model-making materials.
	LO2	Ability draw relationships between spatial qualities and the tactile, sensory and symbolic properties of materials during the thinking-making process.
	LO3	Understanding the aspects of tectonic assembly, abstraction, representation and scale.
	LO4	Explore 'the concept of scale' to relate to context and to further develop details.
	LO5	Learn to develop physical representation of their ideas

PART II (Faculty Board Approval)

		Program Outcomes	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**
Basic Outcomes (University-wide)	**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					
	PO19	History: To have knowledge of the history of the profession and make design decisions sensitive to cultural heritage and					
	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)

	Subject	**Week**	**Subject Explanation**	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**
Course Subjects, Contribution of Course Subjects to Learning Outcomes, and Methods for Assessing Learning of Course Subjects	**S1**	1	Introduction to the Course					
	S2	2	Presentation about modelling Paper Sculpture					
	S3	3	Landscape modelling					
	S4	4	Landscape modelling					
	S5	5	Chair modelling 1/20					
	S6	6	Chair modelling 1/10					
	S7	7	Chair modelling 1/10					
	S8	8	Midterm					
	S9	9	Model presentation techniques Perspective / Rendering information					
	S10	10	Presentation: Warm and Cool Colours					
	S11	11	Warm and Cool Colours & Materials					
	S12	12	Final Project Preparation 1/100					
	S13	13	Final Project Preparation 1/100					
	S14	14	Final Project Preparation 1/50					
	S15	15	Finalize the final submissions and evaluations					

	No	**Type**	**Weight**	**Implementation Rule**	**Make-Up Rule**
	A1	**Class Work /Project Developments(s)**			

Assessment Methods, Weight in Course Grade, Implementation and Make-Up Rules	**A2**	**Midterm Project**	20%	Students will be evaluated with a midterm project in mid-semester	
	A3	**Final Project**	50%	The total content of the course will be evaluated with a final project.	
	A4	**Attendence/Interaction**			
	A5	**Assignment**	30%	Students hw will be evaluated and graded.	
	A6	**Others**			
	TOTAL				**100%**

Evidence of Achievement of Learning Outcomes	Students will demonstrate learning outcomes through weekly homework, in-class assignments, Midterm exams and Final exam.

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
Assignment	30%
Midterm exams	20%
Final exam	50%

GRADE	MARKS	GRADE	MARKS
A+	-	C+	60-64
A	95-100	C	55-59
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 Methods, Student Work Load

No	Method	Explanation	Hours
Time expected to be allocated by instructor			
1	Lecture+Interactive Lecture	Powerpoint and hand on lecturing.	13x3=39 h
2	Practical		
Time expected to be allocated by student			
3	Assignment		10x1= 10h
4	Final Project		1x18= 18h
5	Midterm Project		1x8= 8h
TOTAL			75 hours

IV. PART

Instructor	**Name Surname**	Asst. Prof. Dr. Setenay Uçar
	E-mail	setenay.ucar@antalya.edu.tr
	Phone Number	
	Office Number	.
	Office Hours	
Course Materials	**Mandatory**	Model-Making: Materials and Methods,David Neat ,2008. Designing with Models: A Studio Guide to Making and Using Architectural Design Models ,Criss B. Mills , 2005.
	Recommended	Making interior models Susumu Kuraboyashi, Architectural and interior models. Model Making: Conceive, Create and Convince by Bernard Otte, Arjan Karssen Architectural Modelmaking (Portfolio Skills: Architecture) by Nick Dunn New Concepts Architectural Models ,Elias Caballero ,2009.
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	
	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.