

**Vocational School / Construction Technology**  
**2024 - 2025 Academic Year**  
**ARCHITECTURAL MODEL MAKING**  
**Syllabus**

<b>Course Description</b>						
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>	
ARCHITECTURAL MODEL MAKING		İNŞ2114982	Fall Semester	3+0	3	4
<b>Prerequisites Courses</b>						
<b>Recommended Elective Courses</b>						
<b>Language of Instruction</b>	Turkish					
<b>Course Level</b>	Short Cycle (Associate's Degree)					
<b>Course Type</b>	Elective					
<b>Course Coordinator</b>	Lect. Fatma Bengü YOĞURTÇU					
<b>Name of Lecturer(s)</b>	Lect. Fatma Bengü YOĞURTÇU					
<b>Assistant(s)</b>						
<b>Aim</b>	Creating a scaled model according to a sample architectural plan, making a terrain model, creating a scale model according to the roof construction design.					
<b>Course Content</b>	This course contains; Definition and Use of Model in Architecture and Engineerin,Giving general information about the materials used in model making and shopping for model materials,Concept of Scale in the Model Application Areas of These Scales 1/500 Field Study Models,1/500 land working models realization in the workshop,1/500 land working models realization in the workshop,1/500 land working models realization in the workshop,1/500 land working models realization in the workshop,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.,Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50..					
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>		
Learns to think in three dimensions with model applications.			10, 12, 19, 5, 6, 8	H		
They can understand that it is possible to use different types of materials required to make models. Recyclable materials such as fabric and sponge are also used in the model making phase, and sample applications that may comply with the sustainable principle are carried out by the students.			10, 12, 19, 5, 6, 8	H		
Students will have knowledge and ideas about different construction technologies, exterior and interior cladding materials and systems, the use of recycled materials and color harmony.			10, 12, 19, 5, 6, 8	H		
Intellectual expression, which is the basis of design, can be formed and at the same time the ability to express oneself verbally through presentation can be developed.			10, 12, 19, 5, 6, 8	H		
Can be experienced by being a team through group work.			10, 16, 19, 5, 6, 9	H		
<b>Teaching Methods</b>	10: Discussion Method, 12: Problem Solving Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 5: Cooperative Learning, 6: Experiential Learning, 8: Flipped Classroom Learning, 9: Lecture Method					
<b>Assessment Methods</b>	H: Performance Task					
<b>Lecture Schedule</b>						
<b>Sequenc e</b>	<b>Topics</b>	<b>Preliminary Preparation</b>				
1	Definition and Use of Model in Architecture and Engineerin					
2	Giving general information about the materials used in model making and shopping for model materials					
3	Concept of Scale in the Model Application Areas of These Scales 1/500 Field Study Models					
4	1/500 land working models realization in the workshop					
5	1/500 land working models realization in the workshop					
6	1/500 land working models realization in the workshop					
7	1/500 land working models realization in the workshop					
8	Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.					
9	Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.					
10	Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.					
11	Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.					
12	Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.					
13	Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.					
14	Making a working model in the studio of the architectural plan of a sample 3+1 flat, including the roof, walls, partitions and landscaping, at a scale of 1/50.					
<b>Evaluation Methods</b>		<b>Weight(%)</b>				
Midterm Exam		40				
General Exam		60				

<b>Resources</b>