

Vocational School / Construction Technology
2024 - 2025 Academic Year
COMPUTER AIDED DRAWING II
Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
COMPUTER AIDED DRAWING II	İNŞ2177030	Fall Semester	3+0	3	4
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Elective				
Course Coordinator	Lect. Can DURMUŞ				
Name of Lecturer(s)	Lect. Ahmet OKUTAN				
Assistant(s)					
Aim					
Course Content	This course contains; 3D modeling and structure,Introduction to Autodesk 3ds Max software and use of interface,Fundamental objects,Modifiers,Modifiers,Working with figures,Use of ready objects,Polygonal modeling,Applications of modeling,Applications of modeling,Lighting , cameras,Material editor,Render techniques,Render techniques.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Students can explain modeling techniques.			14, 2, 6, 9	A	
Students can use spline modeling.			14, 2, 6, 9	A	
Students can use polygon modeling.			14, 2, 6, 9	A	
Students can set lighting and camera settings.			14, 2, 6, 9	A	
Students can demonstrate in photoand video format.			14, 2, 6, 9	A	
Teaching Methods	14: Self Study Method, 2: Project Based Learning Model, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	3D modeling and structure				
2	Introduction to Autodesk 3ds Max software and use of interface				
3	Fundamental objects				
4	Modifiers				
5	Modifiers				
6	Working with figures				
7	Use of ready objects				
8	Polygonal modeling				
9	Applications of modeling				
10	Applications of modeling				
11	Lighting , cameras				
12	Material editor				
13	Render techniques				
14	Render techniques				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources
3D Studio Max 2016 Caner BAYRAKTAR (KODLAB Yayıncılık) 3DS MAX 2014 İLE GÖRSELLEŞTİRME Emrah Çelik (Değişim Yayınları)