

Vocational School / Architectural Restoration

2024 - 2025 Academic Year

MATHEMATICS

Syllabus

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
MATHEMATICS	MRS2112223	Fall Semester	2+0	2	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	Short Cycle (Associate's Degree)				
Course Type	Elective				
Course Coordinator	Lect. Hatice ÇAY				
Name of Lecturer(s)	Lect. Hatice ÇAY				
Assistant(s)					
Aim	It is aimed to provide students with basic mathematical concepts, develop problem solving skills, and make sense of numerical logic questions.				
Course Content	This course contains; Numbers,Basic calculations of numbers,Integers,Radical numbers,Rational numbers,exponential numbers,Number problems,Age problems,facial problems,speed problems,Numerical logic,problems of numerical logic,Triangles,polygons.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
Recognise numbers			12, 16, 6	A, E, G	
Solve problems			12, 16, 6, 9	A, E, G	
Solve equations and inequalities			12, 16, 6, 9	A, E, G	
Recognise geometric notions			12, 16, 6, 9	A, G	
Solve numerical logic problems			12, 16, 6, 9	A, E, G	
Teaching Methods	12: Problem Solving Method, 16: Question - Answer Technique, 6: Experiential Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam, E: Homework, G: Quiz				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	Numbers				
2	Basic calculations of numbers				
3	Integers				
4	Radical numbers				
5	Rational numbers				
6	exponential numbers				
7	Number problems				
8	Age problems				
9	facial problems				
10	speed problems				
11	Numerical logic				
12	problems of numerical logic				
13	Triangles				
14	polygons				
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			
Resources					
lecture notes					