TOROS ÜNİVERSİTESİ

Faculty Of Fıne Arts, Desıgn And Archıtecture
Interıor Desıgn

Course Information

GEOMETRY					
Code	**Semester**	**Theoretical**	**Practice**	**National Credit**	**ECTS Credit**
		Hour / Week			
GEO101	Fall	2	0	2	2

Prerequisites and co-requisites	
Language of instruction	Turkish
Type	Required
Level of Course	Bachelor's
Lecturer	Öğr.Gör.Yusuf Gül
Mode of Delivery	Face to Face
Suggested Subject	
Professional practise (internship)	None
Objectives of the Course	To introduce the geometric concepts and geometric shapes, to teach, to draw the geometric shapes, geometric objects length, fields and volumes to gain the ability and ability to calculate
Contents of the Course	* Basic concepts (Point, correct, accurate, semi-accurate, accurate parts, beam, ...) * Angle measurement units, angle and angle types. * Triangle and triangle types, triangle similarity, length and area. * Rectangular and quadrilateral varieties, the length and area in the quadrilateral. * Fields and volumes of solids and solids. * The analytics of the line. * Analytic of the circle.

Learning Outcomes of Course

#	Learning Outcomes
1	The student understands and assumes the basic concepts
2	learn and use angle measurements and angle measurement units.
3	comprehend the angles and learns kinds of the angles
4	triangle and triangle types, triangles, drawings, lengths and areas to learn to learn and apply.
5	Learns quadrangular and quadrangular types and makes the calculations of length and area
6	calculates the surface and lateral areas of solid objects and learns to apply volume calculations
7	Learns and applies the analytical examination of the line (equation, slope, drawing, ...)
8	learn and apply the analytic examination of the circle (equation, center, radius, perimeter length, area, drawing).

Course Syllabus

#	Subjects	Teaching Methods and Technics
1	Point, line, half line, ray, line segments	
2	Angle measurement units and angle types.	
3	Triangle and triangle types, kinds of edges, twin edges and equilateral triangles	
4	Right triangles	
5	Parallel sides, rectangle and square.	
6	Trapezoid	
7	Prisms: Prism of vertical rectangles, oblique prisms	

8	Cube, triangular prism and trapezoidal prism.	
9	Circle and closed circle.	
10	Cylinder, cones and pyramid	
11	Smooth four-sided and smooth eight-sided	
12	The analytics of the line	
13	Analytic of the circle.	
14	Accurate with the situation of the circle relative to one.	
15		
16	Final Exam	

Course Syllabus

#	Material / Resources	Information About Resources	Reference / Recommended Resources
1	lecture note, various geometry books, ruler compasses, miter, protractor and models of various geometric shapes		
2			

Method of Assessment

#	Weight	Work Type	Work Title
1	40%	Mid-Term Exam	Mid-Term Exam
2	60%	Final Exam	Final Exam

Relationship between Learning Outcomes of Course and Program Outcomes

#	Learning Outcomes	Program Outcomes	Method of Assessment
1	The student understands and assumes the basic concepts	5	
2	learn and use angle measurements and angle measurement units.	2,3,5,6	
3	comprehend the angles and learns kinds of the angles	5,6,10	
4	triangle and triangle types, triangles, drawings, lengths and areas to learn to learn and apply.	2,6,8,10	
5	Learns quadrangular and quadrangular types and makes the calculations of length and area	2,6,10,11,12	
6	calculates the surface and lateral areas of solid objects and learns to apply volume calculations	2,6,11,12,14	
7	Learns and applies the analytical examination of the line (equation, slope, drawing, ...)	2,6,11,12	
8	learn and apply the analytic examination of the circle (equation, center, radius, perimeter length, area, drawing).	2,6,10,11,12	

PS. The numbers, which are shown in the column Method of Assessment, presents the methods shown in the previous table, titled as Method of Assessment.

Work Load Details

#	Type of Work	Quantity	Time (Hour)	Work Load
1	Course Duration	14	2	28
2	Course Duration Except Class (Preliminary Study, Enhancement)	14	1	14
3	Presentation and Seminar Preparation	0	0	0
4	Web Research, Library and Archival Work	0	0	0
5	Document/Information Listing	0	0	0
6	Workshop	0	0	0
7	Preparation for Midterm Exam	1	6	6

8	Midterm Exam	1	1	1
9	Quiz	0	0	0
10	Homework	0	0	0
11	Midterm Project	0	0	0
12	Midterm Exercise	0	0	0
13	Final Project	0	0	0
14	Final Exercise	0	0	0
15	Preparation for Final Exam	1	10	10
16	Final Exam	1	1	1
				60