AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Basic Mathematics								
Course Code	MTS113		Couse Level	Short Cycle (Associate's Degree)					
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	Mathematical competence, application of thinking patterns (logical and spatial thinking) and presentation (formulas, models, structures, graphs, diagrams) are aimed to develop skills.								
Course Content	Numbers, Algebra, Problems, Logical Ability, Geometry								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Problem Solving								
Name of Lecturer(s)	Ins. Neslihan BİLİNMEZ								

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	Basic Mathematics course notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts (Numbers), Rational Numbers and Decimal Fractions, Number Systems and the Concept of Digits
2	Theoretical	Basic Concepts (Numbers), Rational Numbers and Decimal Fractions, Number Systems and the Concept of Digits
3	Theoretical	Basic Concepts (Numbers), Rational Numbers and Decimal Fractions, Number Systems and the Concept of Digits
4	Theoretical	Ratio - Proportion, Arithmetic and Geometric Mean
5	Theoretical	Ratio - Proportion, Arithmetic and Geometric Mean
6	Theoretical	Geometric Concepts, Angles in Line, Polygons and Quadrilaterals
7	Theoretical	Geometric Concepts, Angles in Line, Polygons and Quadrilaterals
8	Theoretical	Circle, Analytical Geometry, Solid Bodies
9	Intermediate Exam	Mid-term Exam
10	Theoretical	Circle, Analytical Geometry, Solid Bodies
11	Theoretical	Circle, Analytical Geometry, Solid Bodies
12	Theoretical	Solving problem.
13	Theoretical	Solving problem.
14	Theoretical	Textile mold extraction calculations
15	Theoretical	Textile mold extraction calculations
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Assignment	5	5	2	35
Project	1	10	1	11
Midterm Examination	1	5	1	6

Final Examination	1	5	1	6
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	Learn the theory and applications of numbers.
2	Can do simple mathematical and percentage calculation.
3	Make environmental and area calculations.
4	Learn the theory and applications of geometry.
5	Make mold removal calculations.

Programme Outcomes *(Fashion Design)*	
1	Be able to use the theoretical and practical knowledge related to fashion design
2	Fashion marketing and promotional activities should be carried out in matters related to fashion design
3	Must be able to collect data for research, prepare and present research report, prepare project
4	Designing personal clothing to meet the expectations of the sector and preparing the creations on the computer
5	Should be able to recognize the fabric surfaces, select auxiliary materials, control materials.
6	It should be able to carry out steps of mold preparation, spreading, laying plan preparation.
7	Must be able to use the necessary equipment, equipment and machines for the applications related to fashion design, and make adjustments and maintenance.
8	Must be able to use computerized mold and design programs in the field of fashion design.
9	Must have the ability to manage and organize business by creating the idea of establishing a business in the field.
10	Can create a model she designs in her mind by applying the technical drawings of the clothes and fashion formal training.
11	Basic sewing techniques should be able to realize the production stages of women's, men's and children's wear.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P3	4	4	3	3	
P5	4	4	3	3	4
P6	4	4	3	3	4
P10			2	2	4