BASIC MATHEMATICS

1	Course Title:	BASIC MATHEMATICS
2	Course Code:	ISL115
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	2.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. HÜLYA BOZYOKUŞ
15	Course Lecturers:	Öğr.Gör. Hülya BOZYOKUŞ ve Meslek Yüksekokullarının Yönetim Kurullarının Görevlendirdiği Öğretim Elemanları
16	Contact information of the Course Coordinator:	hulya@uludag.edu.tr 0224 2942378 Uludağ Üniversitesi Teknik Bilimler MYO 16059 Nilüfer,Bursa
17	Website:	
18	Objective of the Course:	The student, for the profession to gain the necessary competence to apply mathematical knowledge and skills to work.
19	Contribution of the Course to Professional Development:	Undergraduate students will be provided with experience on Professional Mathematics 1 subjects.
20	Learning Outcomes:	
	1	Implements the operations related to numbers to her profession.
	2	apply algebraic operations to her profession.
	3	The operations related to first order equations implements to the profession.
	4	The operations related to second order equations inequalities implements to the profession.
	5	Applies the procedures related to first-order inequalities to her profession.
	6	Applies the operations related to the second-order inequalities to her profession.
	7	The operations related to systems of linear equations implements to the profession.
	8	The operations related to linear inequality systems implements to the profession.
	9	The operations related to geometry implements to the profession.
	10	The operations related to Matrices implements to the profession.
21	Course Content:	
	Course Content:	

Week	Theoretical	Practice
1	Introducing the course, set theory	
2	Integers, fractional numbers	
3	exponential numbers, rooted numbers, absolute value, complete value, logarithms	
4	algebraic expressions, first degree equations, ratio, proportion problems	
5	quadratic equations, inequalities	
6	linear equations	
7	linear inequality systems	
8	Angle, Triangle and the basic features	
9	Basic quadrangle types	
10	The circle and basic properties	
11	The basic properties of solids	
12	Basic	
13	Matrices	
14	Determinants, systems of linear equations in three variables	
22	Textbooks, References and/or Other Materials:	Basri Çelik (2012), Mesleki Matematik, Dora Yayınları Basri Çelik (2010), Temel Matematik, Dora Yayınları

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Quiz	0	0.00	
Practicals/Labs	0	0.00	0.00
Self study and preperation	11	1.00	11.00
Final Exam	1	60.00	
Homeworks	1	6.00	6.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	8.00	8.00
Others	0	0.00	0.00
Final Exams	1	14.00	14.00
Total Work Load			67.00
Total work load/ 30 hr			2.23
ECTS Credit of the Course			2.00

Contribution of Term (Year) Learning Activities to ... 40.00
Contribution of Final Exam to Success Grade 60.00
Measurement and Evaluation Techniques Used in the ... 127 / 5000
Measurement and evaluation are carried out according to the principles of Bursa Uludağ University Associate and ...

24	ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0

ÖK5	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives   PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High