BASIC MATHEMATICS I

1	Course Title:	BASIC MATHEMATICS I	
2	Course Code:	GESZ101	
3	Type of Course:	Compulsory	
4	Level of Course:	Short Cycle	
5	Year of Study:	1	
6	Semester:	1	
7	ECTS Credits Allocated:	3.00	
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:	Prof. Dr. RIDVAN EZENTAŞ	
15	Course Lecturers:	Prof.Dr. Rıdvan EZENTAŞ Prof.Dr. Basri ÇELİK Öğr.Gör. Hülya BOZYOKUŞ Yrd.Doç.Dr. Nisa ÇELİK Yrd.Doç.Dr. Hacer ÖZDEN	
16	Contact information of the Course Coordinator:	rezentas@uludag.edu.tr 0224 2942304 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:		
20	Learning Outcomes:		
		1	The algebraic operations related to the numbers implements to the profession.
		2	The operations related to ratio and proportion problems implements to the profession.
		3	The operations related to first and second order equations implements to the profession.
		4	The operations related to first and second order inequalities implements to the profession.
		5	The operations related to systems of linear equations implements to the profession.
		6	The operations related to linear inequality systems implements to the profession.
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		10	
21	Course Content:		

Course Content:

Week	Theoretical	Practice
1	Introducing the course, rudiments	

2	The concept of number	
3	Arithmetic operations on integers and fractional numbers, decimal representation of fractional numbers	
4	Arithmetic operations on Exponentials and fundamental numbers	
5	Absolute value, full value, logarithm	
6	The general meaning of algebraic expressions and equations, first-order equations and their solutions	
7	Ratio, proportion and mixing problems have simple solutions are transformed into equations	
8	General Repetition and Midterm Exam	
9	Quadratic equations and their solutions	
10	Transformed into Quadratic equations	
11	The definition of inequality and Transactions related to inequality, the first order inequalities and it's applications	
12	Quadratic inequalities and its applications	
13	Linear equation systems, Linear inequality systems	
14	General Review	

22	Textbooks, References and/or Other	Basri Celik (2012), Meslek Matematik, Dora Yayınları

Activites			Number	Duration (hour)	Total Work Load (hour)
TERM LEARNING ACTIVITIES	**NUMBER**	**WEIGHT**			
Theoretical			14	2.00	28.00
Practicals/Labs			0	0.00	0.00
Quiz	0	0.00	14	3.00	42.00
Homeworks			0	0.00	0.00
Projects	1	60.00	0	0.00	0.00
Field Studies			0	0.00	0.00
Midterm Exams	Contribution of Term (Year) Learning Activities to Success Grade	40.00	1	10.00	10.00
Others			0	0.00	0.00
Final Exams	Contribution of Final Exam to Success Grade	60.00	1	10.00	10.00
Total Work Load					90.00
Total work load / 30 Hr	Measurement and Evaluation Techniques Used in the Course				3.00
ECTS Credit of the Course					3.00

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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	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**