	MATHEMA	TICS I	FOR TECHNICIANS I				
1	Course Title:	MATHE	MATICS FOR TECHNICIANS I				
2	Course Code:	OTPZ10	1				
3	Type of Course:	Compuls	sory				
4	Level of Course:	Short Cy	rcle				
5	Year of Study:	1					
6	Semester:	1					
7	ECTS Credits Allocated:	4.00					
8	Theoretical (hour/week):	3.00					
9	Practice (hour/week):	0.00					
10	Laboratory (hour/week):	0					
11	Prerequisites:	None					
12	Language:	Turkish					
13	Mode of Delivery:	Face to f	ace				
14	Course Coordinator:	Öğr.Gör.	HÜLYA BOZYOKUŞ				
15	Course Lecturers:	Meslek \ elemanla	/üksekokulları yönetim kurullarının görevlendirdiği öğretim arı				
16	Contact information of the Course Coordinator:	ıludag.edu.tr 42378 İniversitesi 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:	Undergra Profession	aduate students will be provided with experience on onal 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:						
10.7	T1 C 1	Сс	ourse Content:				
	Theoretical		Practice				
1	Introducing the course, set theory						

3		nential nui				Т												
4		lute value,																
4		oraic expre proportion			t degre	e equ	ations	,										
5	quad	ratic equa	tions,	inequ	ualities													
6		operations ems impler				ality												
7		ements the ualities to h			d to lir	near												
8	Angle	e, Triangle	and t	he ba	sic fea	tures												
9	Basic	c quadranç	gle typ	es														
10	The o	circle and	basic _l	orope	rties													
11	Area	and volun	ne of s	olid b	odies													
12		operations ements to t				try												
13		operations ements to t				es												
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 (ho						r) Total Work Load (hour)				
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ1 PQ2 PQ3 PQ4 PQ5 PQ6 PQ7 PQ8 PQ9 PQ1 PQ11 PQ12 PQ1 PQ14 PQ15 PQ16													PQ16	
ÖK1	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0
ÖK2	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0
ÖK4	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0

ÖK5	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
ÖK6	1	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0
ÖK7	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0	0
ÖK8	2	0	1	0	0	0	2	0	1	0	0	0	0	0	0	0
ÖK9	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
ÖK10	3	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:			2 low			3 Medium				4 Higl	h	5 Very High				