	ANALYTICAL	GEO	METRY APPLICATIONS						
1	Course Title:	ANALYT	ICAL GEOMETRY APPLICATIONS						
2	Course Code:	İMÖ0016	3						
3	Type of Course:	Optional							
4	Level of Course:	First Cyc	cle						
5	Year of Study:	2							
6	Semester:	3							
7	ECTS Credits Allocated:	4.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:								
12	Language:	Turkish							
13	Mode of Delivery:	Face to	ace						
14	Course Coordinator:	Prof. Dr.	RIDVAN EZENTAŞ						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	0224 29 Uludağ Ü	as@uludag.edu.tr 942287 j Üniversitesi Eğitim Fakültesi, E Blok, Matematik ve Fen ri Bölümü, Matematik Eğitimi ABD.						
17	Website:								
18	Objective of the Course:	concrete	ent the shapes and properties of geometric sizes in a way and to make geometric interpretation of some cally expressed information.						
19	Contribution of the Course to Professional Development:	teacher. relations seconda	s and develops the knowledge base of the prospective. Comprehends the concepts related to the field and the s between concepts based on the competencies gained in ary education. Have defines and analyzes problems related eld, and develops solutions based on evidence and h.						
20	Learning Outcomes:								
		1	define point and line in the analytic plane						
		2	define vectors in the plane						
		3	restate line in the plane						
		4	restate circle in the plane						
		5	restate ellipse in the plane						
		6	restate hyperbola in the plane						
		7	restate parabola in the plane						
		8	define vector concept in the space						
		9	translate equations of line in the space						
	1.	10	translate equations of plane in the space						
21	Course Content:								
		Co	ourse Content:						
Week			Practice						
1	Relation between point and line on p	lane.							
2	Vectors								
3	Transformation Geometry on plane								

4	line a	ınd b	oasis _l	oroble	ms															
5	Circle	e and	d basi	s prob	olems															
6	Ellips	e ar	nd bas	sis pro	blems	3														
7	Нуре	rbol	a and	basis	probl	ems														
8	Parabola and basis problems																			
9	MIDTERM EXAM																			
10	Vecto	ors ir	n spac	се																
11	Vecto	ors ir	n spac	се																
12	A line	and	d plan	e in s	pace															
13	A line	and	d plan	e in s	pace															
14	A line	and	d plan	e in s	pace															
22	Textbooks, References and/or Other Materials:								Ha Ge *Tl	Mustafa Balcı, Analitik Geometri Hacısalihoğlu, H. 2 ve 3 Boyutlu Uzaylarda Analitik Geometri *Sabuncuoğlu, A. Analitik Geometri(2003) *Thomas, G. Calculus ve Analitik Geometri *Stein, S. Calculus ve Analitik Geometri										
23	Asse	sme	nt																	
TERM L	EARN	IING	ACTI	VITIES	3		N R	UMBE	WE	WEIGHT										
Midtern	n Exai	m					1		40	40.00										
Quiz							0		0.0	0.00										
Activit	tes	·	•						ا	Number Duration (hour						Total Work Load (hour)				
E BARIB	stiggln	of Te	erm (\	∕ear) l	Learn	ing Act	ivities	to	40 [′]	! ₫ 0			2.00		28.00					
Practic	als/La	bs)			0.00		0.00					
Sentsile	aldijoan	Of Pri	epe Fa	KAMA to	Suc	cess G	rade		60	9.00						90.00				
Homew	vorks								(0 0.00						0.00				
Presisci	Pemen	t an	d Eva	luatio	n Tec	hnique	s Use	d in th	е Те	Techniques such as lect@re?odiscussion, queselon-answ										
Field S						•)	0.00									
Midterr	n exar	ms							mé	asure	1.00									
Others									()			0.00		0.00					
Final E	xams								•	1			1.00		1.00					
Total V	Vork L	oad														120.00				
Total work load/ 30 hr								П							4.00					
ECTS Credit of the Course									4.00											
25	25 CONTRIBUTION OF LEAF										OUTC		S TO I	PROC	BRAM	ME				
	Р	Q1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16			
Öltt			4	0		4					0		0	3						
ÖK1	3		1	3	3	1	3	2	0	0	0	0	0	0	0	0	0			
ÖK2	2		2	2	2	2	_	0	_	10	^	_	_	_	<u> </u>	10				

		QUALIFICATIONS														
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	3	1	3	3	1	3	2	0	0	0	0	0	0	0	0	0
ÖK2	3	2	3	2	2	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
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	0	0	0	0	0	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 High			5 Very High				