	ALGE	BRAI	C GEOMETRY I						
1	Course Title:	ALGEBF	RAIC GEOMETRY I						
2	Course Code:	MAT630	7						
3	Type of Course:	Optional							
4	Level of Course:	Third Cy	cle						
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	5.00							
8	Theoretical (hour/week):	3.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	-							
12	Language:	Turkish							
13	Mode of Delivery:	Face to							
14	Course Coordinator:		SÜLEYMAN ÇİFTÇİ						
15	Course Lecturers:	Doç. Dr.	Basri ÇELİK-Yrd. Doç.Dr. Atilla AKPINAR						
16	Contact information of the Course Coordinator:	Telefon: Adres: U	: sciftci@uludag.edu.tr : +90 224 2941754 Jludağ Üniversitesi Fen-Edebiyat Fakültesi Matematik 16059 Görükle-Bursa-TÜRKİYE						
17	Website:								
18	Objective of the Course:	To teach	basic concepts needed in studies of algebraic geometry						
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Calculates cross ratio						
		2	Constructs an geometric structure by using coordinates						
		3	Learns important of quadrangles for coordinatization						
		4	Interprets the relation among different geometries						
		5	Knows Euclidean and non-Euclidean geometries						
		6	Uses projective and affine transformations						
		7							
		8							
		9							
		10							
21	Course Content:								
107	<b>T</b>	Co	ourse Content:						
	Theoretical		Practice						
1	Basic concepts of geometry								
2	Triple geometry.								
3	Synthetic projective geometry								
4	Projective transformations								
5	Coordinate systems								

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	ECTS Credit of the Course															5.00				
	Total work load/ 30 hr															6.47				
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TERM L	LEARNING ACTIVITIES NUMBE								WE	WEIGHT										
23																				
22	Textbooks, References and/or Other Materials:								Do 63- 2.	1. B.E.Meserve, Fundamental Concepts of Geometry, Dover Publications Inc., New York, 1995, ISBN: 0 486 63415 9 2. L.Edwards, Projective Geometry, Floris Boks, Edinburgh, 2003, ISBN: 0 86315 393 3										
	geoi	metri	es																	
14						tic and	spher	rical												
13		Non-Euclidean geometry																		
11	Euclid plane geometry, Non-Euclidean geometry  Euclid transformations																			
10		Ideal points, affine transformations																		
9			ometr																	
8		ss rat																		
7	Ana	lytic p	roject	tive ge	eomet	ry														
6	Qua	Quadrangles																		

25	QUALIFICATIONS															
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ÖK1	2	1	2	0	1	2	1	2	2	2	0	0	0	0	0	0
ÖK2	2	2	1	0	2	2	2	1	1	1	0	0	0	0	0	0
ÖK3	3	2	2	0	3	3	2	2	2	2	0	0	0	0	0	0
ÖK4	3	4	3	0	4	3	4	2	2	3	0	0	0	0	0	0

ÖK5	4	3	2	0	3	4	5	3	4	4	0	0	0	0	0	0
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