	MATHEMATICAL STATISTICS										
1	Course Title:	MATHEN	MATICAL STATISTICS								
2	Course Code:	MAT303	9								
3	Type of Course:	Optional									
4	Level of Course:	First Cyc	cle								
5	Year of Study:	3									
6	Semester:	5									
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:	Mat 2017	7 Probablity and Statistics								
12	Language:	Turkish									
13	Mode of Delivery:	Face to f	ace								
14	Course Coordinator:	Doç.Dr. I	EMRULLAH YAŞAR								
15	Course Lecturers:										
16	Contact information of the Course Coordinator:	Telefon:	eyasar@uludag.edu.tr 0224 29 41 768 .Ü Fen-Edb. Fak. Mat. Böl. B102 Görükle Bursa								
17	Website:										
18	Objective of the Course:	aspects	oncepts of mathematical statistics. In addition, theoretical of sampling techniques, hypothesis testing, variance, regression and correlation analysis, and applications.								
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1	Learns the basic concepts and theory of statistics.								
		2	Acquires s the basic theory of sampling techniques								
		3	Acquires the basic theory of hypothesis testing.								
		4	Learns the variance analysis and its basic theory.								
		5	Learns the regression analysis and its basic theory.								
		6	Learns the correlation analysis and its basic theory.								
		7									
		8									
		9									
	0	10									
21	Course Content:		Comtont:								
\\\\a\\\	Theoretical	Co	purse Content:								
Week 1	Theoretical Sampling Theory		Practice								
2	Sampling Theory and the distribution Random numbers	S,									
3	Estimation theory, a point estimate,										
4	Sampling Techniques I										
5	Sampling Techniques II										
	1 9 : 2										

6	Hypothesis Testing I																	
7	Midterm exam,Hypothesis Testing I																	
8	Hypothesis Testing II																	
9	Variance Analysis I																	
10	Variance Analysis II																	
11	Correlat																	
12	Correlation Analysis II																	
13	Nonparametric Methods																	
14	General review and applications																	
22								Pi	Prof.Dr. Fikri Akdeniz Probability and Statistics Nobel Publishing (in Turkish). Prof. Dr. Aziz Bener, Mathematical Statistics I, II, YTU Publishing (in Turkish).									
23	Assesm	ent																
TERM L	TERM LEARNING ACTIVITIES NUMBE						€ W	WEIGHT										
Midtern									40.00									
Quiz	z 0								0.00									
Home v	ne work-project 0								0.00									
Final Ex	nal Exam 1								60.00									
Activites								Numb	er		Dura	ition (Fotal Work Load (hour)				
Chetribution of Final Exam to Success Grade							6	01040			3.00	3.00						
Practica	cticals/Labs								0		0.00	0.00						
Delastu	เหตุทอกชากสายเลขายายายายายายายายายายายายายายายายายายาย								14		3.00	3.00						
Homew	eworks								14						42.00			
Project	cteC12 / WORK LOAD TABLE								0			0.00			0.00			
Field St	d Studies								0						0.00			
Midtern	dterm exams								1			6.00		6.00				
Others	rs								2					12.00				
Final E	Exams								1					6.00				
Total W	tal Work Load											150.00						
Total w	Total work load/ 30 hr													5.00				
ECTS (ECTS Credit of the Course														5.00			
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16		
ÖK1	4	4	1	1	1	1	1	1	1	1	0	0	0	0	0	0		
ÖK2	4	4	1	1	1	1	1	1	1	1	0	0	0	0	0	0		

ÖK3

ÖK4

ÖK5	4	4	1	1	1	1	1	1	1	1	0	0	0	0	0	0
ÖK6 4 4 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0																
Contrib 1 very low ution Level:			2	2 low		3 1	Medi	um	4 High			5 Very High				