ANALYSIS II

1	Course Title:	ANALYSIS II
2	Course Code:	İMÖ1004
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	1
6	Semester:	2
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 face
14	Course Coordinator:	Prof. Dr. Muhamed Emin ÖZDEMİR
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	ozdemir@uludag.edu.tr, 0224 2942179, Eğitim Fakültesi, İlköğretim Bölümü, 16059, Görükle / Bursa
17	Website:	
18	Objective of the Course:	To teach the concepts of integral in secondary education in detail and to teach them with applications, to be able to make series, series and force series concepts and series expansions of functions
19	Contribution of the Course to Professional Development:	To provide a foundation for higher mathematics
20	Learning Outcomes:	

	1	Know the concept of integral; the için tanımlar tanımlık denoting one or more people or things already mentioned or assumed to be common knowledge. what's the matter? used to point forward to a following qualifying or defining clause or phrase. the fuss that he made of her used to make a generalized reference to something rather than identifying a particular instance. he taught himself to play the violin 3 tanım daha Ayrıca bkz. by the way, the best, on the other hand, the same, in the end, in the morning, the end, at the same time, at the moment, in the
	2	Can do integral applications;
	3	Know the Integration find by Tables and Other integration tecniques
	4	know the Interminate forms and L's Hospital's rule
	5	Can make the transition between Cartesian, polar and parametric coordinate systems and interpret the differences;

		6	Know the origin of concepts and their historical development;
		7	Know the equivalents of the basic concepts used in English;
		8	
		9	
		10	

21	Course Content:

Course Content:

Week	Theoretical	Practice
1	Definite indefinite integral and basic concepts	
2	Simple integration rules. Examples	
3	Changing variables. Examples	
4	Partial integration. Examples	
5	Separation by simple fractions. Examples	
6	Trigonometric transformations. Examples	
7	Binomial integrals, fundamental theorems of	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	6.00	84.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	1.00	1.00
Others	0	0.00	0.00
Final Exams	1	1.00	1.00
Total Work Load			114.00
Total work load/ 30 hr			3.80
ECTS Credit of the Course			4.00

(overlapping text: Week 9 Midterm; dynamic concepts; 11 Lower and upper sums, Riemann integral; and so on.)

	Materials:	2. Prof. Dr. Ahmet A. KARADENIZ Yüksek Matematik. Cilt 1, 2. 4. Baskı, 1985. 3. Prof. Dr. Mustafa BALCI, Analiz 1,2. 7. Baskı, 2008. 4. Calculus, Robert A. Adams, library an archieves canada cataloguing in publications, 2006. 5. Prof Dr. Ekrem Kadıoğlu ve Prof. Dr. Muhammed Kamali Genel Matematik. 6. Baskı, 2011.

23	Assesment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00

Contribution of Term (Year) Learning Activities to Success Grade	40.00
Contribution of Final Exam to Success Grade	60.00
Total	100.00
Measurement and Evaluation Techniques Used in the Course	Exam

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	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	4	0	0	0	0	3	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	3	0	3	0	2	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

LO: Learning Objectives PQ: Program Qualifications					
Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High