

GRAPH THEORI I

1	Course Title:	GRAPH THEORI I
2	Course Code:	MAT5217
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	6.00
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 face
14	Course Coordinator:	Prof. Dr. İSMAİL NACİ CANGÜL
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	Prof. Dr. İsmail Naci Cangül Bursa Uludag Üniversitesi, Fen-Edebiyat Fakültesi, Matematik Bölümü 41756 cangul@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To teach the fundamental graph theory notions.
19	Contribution of the Course to Professional Development:	To make the students aware of the applications of mathematics.
20	Learning Outcomes:	
	1	knows fundamental graph notions
	2	can do graph calculations
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
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22	Textbooks, References and/or Other Materials:	
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23	Assesment	
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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

Activites	Number	Duration (hour)	Total Work Load (hour)
Course			
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	10.00	140.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	0.00	0.00
Total Work Load			182.00
Total work load/ 30 hr			6.07
ECTS Credit of the Course			6.00

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	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0
ÖK2	0	2	0	3	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							