

LINEAR PROGRAMMING

1	Course Title:	LINEAR PROGRAMMING
2	Course Code:	MAT4030
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	8
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:	Dr. Öğr. Üyesi SETENAY DOĞAN
15	Course Lecturers:	Yrd.Doç.Dr.Nisa Çelik Yrd.Doç.Dr.Emrullah Yalçın Yrd.Doç.Dr.Sezai Hızlıyel
16	Contact information of the Course Coordinator:	setenay@uludag.edu.tr 0224 2941763 U.Ü. Fen Edebiyat Fakültesi Matematik Bölümü Nilüfer BURSA
17	Website:	
18	Objective of the Course:	The aim of the course is to introduce the students to the linear programming problem may be defined as the problem maximizing or minimizing a linear function subject to linear constraints. And solved Grafik, Simplex, Transport methods of its problems,
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	Has the basic Mathematic Knowledge
	2	Develop a possible plan for solving problems
	3	Analyze problem with a different perspective
	4	Generate possible solutions to the problems
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21	Course Content:	
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Week	Theoretical	Practice
1	A linear programming definitions, theorems and methods of solution.	

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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