ADVANCED LOGIC I

1	Course Title:	ADVANCED LOGIC I
2	Course Code:	FEL5123
3	Type of Course:	Optional
4	Level of Course:	Second Cycle
5	Year of Study:	1
6	Semester:	1
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:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç.Dr. Aytekin Özel
15	Course Lecturers:	Yok
16	Contact information of the Course Coordinator:	Doç. Dr. Aytekin Özel. Uludağ Üniversitesi, İlahiyat Fak., Fethiye Mahallesi Kırlangıç Sokak No:2B 16140 Nilüfer Bursa.
17	Website:	
18	Objective of the Course:	To teach identity logic, free logic and modal logic.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	Learn singular formulas and general formulas.
	2	Learn semantics.
	3	Learn symbolization.
	4	Learn law of identity logic.
	5	Learn law of free logic.
	6	Learn modalities of possibility and necessity.
	7	Learn law of modal logic.
	8	Learn the method of derivation.
	9	Learn Russellian semantics
	10	Learn model-construction

21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Syntax in identity logic.	
2	Semantics in identity logic.	
3	Symbolizations	
4	Law of identity logic.	
5	Law of identity logic.	
6	Free logic.	
7	Free logic.	

8	Symbolizations	
9	Modalities of Necessity and Possibilities.	
10	Modal logic.	
11	Modal logic.	
12	Modal logic.	
13	Modal logic.	
14	Modal logic.	

22	Textbooks, References and/or Other Materials:	Teo Grünberg, Modern Logic, Metu Press, Ankara 2002. Teo Grünberg, Sembolik Mantık El Kitabı, c. 2, Ankara 2000.
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	0	0.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	100.00
Total	1	100.00
Contribution of Term (Year) Learning Activities to Success Grade	0.00	
Contribution of Final Exam to Success Grade	100.00	

24   ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Course Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	5.00	70.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	0	0.00	0.00
Others	0	0.00	0.00
Final Exams	1	22.00	22.00
Total Work Load			120.00
Total work load/ 30 hr			4.00
ECTS Credit of the Course			4.00

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	0	0	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
ÖK6	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
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK10	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