

INTRODUCTION TO PYTHON PROGRAMMING

1	Course Title:	INTRODUCTION TO PYTHON PROGRAMMING	
2	Course Code:	BMB2014	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	4	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Öğr. Üyesi Murtaza CİCİOĞLU	
15	Course Lecturers:	Dr. Öğr. Üyesi Murtaza CİCİOĞLU	
16	Contact information of the Course Coordinator:	murtazacicioglu@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	To gain ability to use Python programming language. To gain the ability to use artificial intelligence features.	
19	Contribution of the Course to Professional Development:	To be able to write general purpose program with Python programming language.	
20	Learning Outcomes:		
		1	Gain knowledge on Python programming
		2	Gain knowledge concerning with installation and tools
		3	Gain knowledge concerning with interfaces and libraries
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Introduction		
2	Interfaces and assistant packages		
3	Tuples, lists		
4	Dictionary, set		
5	Functions		
6	Modules		
7	Wrap up		

8	Class	
9	Objects	
10	Inheritance	
11	Iterator, Generator	
12	Machine Learning	
13	Machine Learning	
14	Wrap up	

23	Assesment
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Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Total	100.00		
Practicals/Labs	0	0.00	0.00
Self study and preperation	middle term and final exams	3.00	42.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	30.00	30.00
Others	0	0.00	0.00
Final Exams	1	36.00	36.00
Total Work Load			180.00
Total work load/ 30 hr			5.00
ECTS Credit of the Course			5.00

LO: Learning Objectives **PQ: Program Qualifications**

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