INTRODUCTION TO PYTHON PROGRAMMING									
1	Course Title:	INTROD	UCTION TO PYTHON PROGRAMMING						
2	Course Code:	BMB2014							
3	Type of Course:	Optional							
4	Level of Course:	First Cyc	le						
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 f	ace						
14	Course Coordinator:	Dr. Ögr.	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						
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	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	Clas	S															
9	Obje	ects															
10	Inheritance																
11	Iterator, Generator																
12	Machine Learning																
13	Machine Learning					Т											
14	Wrap up																
22	Textbooks, References and/or Other Materials:						Tr Tr	The Python Tutorial Think Python, How to Think Like a Computer Scientist									
						All Int Pa	Allen Downey Intro to Python for Computer Science and Data Science Paul J. Deitel, Harvey M. Deitel										
23	Asse	esme	ent														
TERM L	EAR	NING	ACTI	VITIES	;		N	UMBE	E WI	EIGHT							
Midtern	n Exa	am					1		40	40.00							
Quiz							0		0.0	0.00							
Home v	work-	proje	ect				0		0.0	0.00							
Final E	inal Exam 1						60	60.00									
Total							2		10	100.00							
Activites							Number			Duration (hour)			Total Work Load (hour)				
Theore	tical								10	1400			3.00		-	42.00	
Practicals/Labs								0 0.00 0.00									
Selfinstedy and preperation					mi	mitHerm and final exam\$3.00 42.00											
Homeworks						0 0.00 0.00			0.00								
Project	ojects								0			0.00			0.00		
Field S	d Studies								0 0.00				0.00				
Midtern	erm exams							1		30.00			30.00				
Others	rs							0			0.00	0.00			0.00		
Final E	Exams							1 36.00			00 36.00						
Total W	al Work Load													180.00			
Total w	otal work load/ 30 hr													5.00			
ECTS Credit of the Course												5.00					
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	I	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16
ÖK1	:	3	4	3	4	3	3	3	2	2	4	3	3	0	0	0	0
ÖK2		4	3	3	4	4	4	3	2	2	3	3	3	0	0	0	0
		T	5		-	т	-		-	Ĺ	Ŭ		<u> </u>	<u> </u>	Ŭ		
OK3	4	4	3	3	4	4	4	3	2	2	3	3	3	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																	

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