

MULTIPLE PROGRAMMING LANGUAGES

1	Course Title:	MULTIPLE PROGRAMMING LANGUAGES
2	Course Code:	BLPS128
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	3.00
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:	Öğr. Gör. KORAY AKI
15	Course Lecturers:	-
16	Contact information of the Course Coordinator:	korayaki@uludag.edu.tr, +90(224)2942674 – Dahili: 62141, Bursa Uludağ Üniversitesi Orhangazi Y. Asil Çelik MYO Bilgisayar Programcılığı-Orhangazi/Bursa
17	Website:	-
18	Objective of the Course:	The aim of this course is to teach the technical concepts required by multi programming languages
19	Contribution of the Course to Professional Development:	To be able to write general purpose program with multiple programming language.
20	Learning Outcomes:	
	1	Use data types in Python Programming Language.
	2	Apply module operations in Python Programming Language.
	3	Use functions in Python Programming Language.
	4	Use file operations in Python Programming Language.
	5	Describe Python Programming libraries.
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21	Course Content:	
	Course Content:	
Week	Theoretical	Practice
1	Python Programming Language features	
2	Python Programming Language features	
3	Operators and arithmetic operations	
4	Data types	
5	Control statements	
6	Loop statements	

7	Loop statements	
8	Midterm	
9	Functions	
10	Modules	
11	Packets	
12	Debugging	
13	Classes	
14	SQL database interactive application	

22	Textbooks, References and/or Other Materials:	David I. Schneider, Introduction to Programming Using Python Luciano Ramalho, Fluent Python Devin Balkcom free, online textbook, Project Python
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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

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	2.00	28.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	14	2.00	28.00
Homeworks	14	2.00	28.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	3.00	3.00
Others	0	0.00	0.00
Final Exams	1	3.00	3.00
Total Work Load			93.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

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	4	4	4	3	4	3	5	4	3	4	3	4	3	3	4	4
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	3	4	4	3	5	5	4	3	2	5	3	5	3	5	4	3

ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							