OBJECT ORIENTED PROGRAMMING

1	Course Title:	OBJECT ORIENTED PROGRAMMING
2	Course Code:	BLPZ122
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	2
7	ECTS Credits Allocated:	5.00
8	Theoretical (hour/week):	3.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	1
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. EBRU YENİMAN
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	Öğr. Gör. Ebru Yeniman Yıldırım (ebruyeniman@gmail.com, 02242942369, Uludağ Üniversitesi Teknik Bilimler MYO, 16059)
17	Website:	
18	Objective of the Course:	In this course, the student will be able to make programming by using object-based language.
19	Contribution of the Course to Professional Development:	Have the competence to learn the basic concepts of object oriented programming and write software.
20	Learning Outcomes:	

	1	Installations of the software for programming.
	2	To prepare the application by using basic commands of programming language.
	3	To prepare application by using the programming language function.
	4	To prepare application by using advanced programming language.
	5	Working with components.
	6	To make database operations.
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21	Course Content:	

Course Content:	

Week	Theoretical	Practice
1	To set up necessary software for programming and application of basic console and operating system.	Computer lab application

2	Stable, variable and usage of object, the usage of Operators	Computer lab application
3	Decision Control Statements, Loop Control Statements	Computer lab application
4	User-Defined Functions, Functions, File Operations	Computer lab application
5	Class, Domain and Method Usage	Computer lab application
6	Class, Domain and Method Usage	Computer lab application
7	Local and Global References	Computer lab application
8	Arrays, Multidimensional Arrays	Computer lab application
9	intermediate exam	intermediate exam
10	Standard Components	Computer lab application
11	Advanced Components	Computer lab application
12	Advanced Components	Computer lab application
13	Database Connection, Database Queries	Computer lab application
14	Database Connection, Database Queries	Computer lab application

22	Textbooks, References and/or Other Materials:	C # Programming Language Lecture Notes.
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	20.00
Quiz	0	0.00
Home work-project	1	20.00
Final Exam	1	60.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Measurement and evaluation is carried out according to the priciples of Bursa uludag University Associate and Undergraduate Education Regulation.

24	**ECTS / WORK LOAD TABLE**	

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	14	1.00	14.00
Self study and preperation	6	6.00	36.00
Homeworks	1	10.00	10.00
Projects	3	10.00	30.00
Field Studies	0	0.00	0.00
Midterm exams	1	8.00	8.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			150.00
Total work load/ 30 hr			5.00
ECTS Credit of the Course			5.00

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	5	5	4	5	3	4	4	1	1	3	1	0	0	0	0	0
ÖK2	3	5	4	5	5	4	4	1	1	3	1	0	0	0	0	0
ÖK3	3	5	4	5	5	4	4	1	1	3	1	0	0	0	0	0
ÖK4	3	5	4	5	5	4	4	1	1	3	1	0	0	0	0	0
ÖK5	3	5	4	5	5	4	4	1	1	3	1	0	0	0	0	0
ÖK6	5	5	4	5	5	4	4	1	1	3	1	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