PROGRAMMING BASICS

1	Course Title:	PROGRAMMING BASICS
2	Course Code:	BLPZ111
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	6.00
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:	To make the student reach to ability of writing programme with learning needs and knowledge
19	Contribution of the Course to Professional Development:	Have the competence to learn the basic concepts of programming and writing software.
20	Learning Outcomes:	
	1	He can design an algorithm and draw a flow chart about any topic
	2	He can do easy programmes and process
	3	He can do programes which contains conditions and repatitions
	4	He can write many datas to the memory with using arrays
	5	He can connect the programmes with he sub programmes
	6	He can hold the data in the ordinary or inordinary files
	7	He can do processes in the files
	8	
	9	
	10	
21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Algorithm	Application in the computer lab
2	Flowing Chart	Application in the computer lab
3	Programming Tools, Variables and Structs	Application in the computer lab
4	Input-Output Processes, Operators	Application in the computer lab

5	Decision Structs	Application in the computer lab
6	Loop Controls	Application in the computer lab
7	One dimension arrays	Application in the computer lab
8	Many dimension arrays	Application in the computer lab
9	Repetition and Midterm Exam	Repetition and Midterm Exam
10	Sub programmes which doesn't return a value	Application in the computer lab
11	Sub programmes which returns value	Application in the computer lab
12	Sub programmes which returns value	Application in the computer lab
13	Ordered Files	Application in the computer lab
14	In-ordered Files	Application in the computer lab

22	Textbooks, References and/or Other Materials:	C ++ Programming Language Lecture Notes Basic Algorithms in Computing and Examples of Programming with C ++ Language
23	Assesment	

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
Contribution of Final Exam to Success Grade	1	60.00
Measurement and Evaluation Techniques Used in the Undergraduate Education Regulation:		Measurement and evaluation is carried out according to

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	8	8.00	64.00
Homeworks	2	8.00	16.00
Projects	2	10.00	20.00
24 ECTS / WORK LOAD TABLE			
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	15.00	15.00
Total Work Load			181.00
Total work load/ 30 hr			6.03
ECTS Credit of the Course			6.00

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	4	5	1	2	3	2	2	1	1	1	1	0	0	0	0	0
ÖK2	4	4	3	2	3	3	2	1	1	1	1	0	0	0	0	0
ÖK3	4	4	3	3	4	3	3	1	1	1	1	0	0	0	0	0
ÖK4	4	4	2	3	3	3	2	1	1	1	1	0	0	0	0	0

ÖK5	5	5	4	4	4	3	3	1	1	1	1	0	0	0	0	0
ÖK6	4	5	3	5	4	3	3	1	1	1	1	0	0	0	0	0
ÖK7	4	3	2	3	3	4	3	1	1	1	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**