VISUAL PROGRAMMING

1	Course Title:	VISUAL PROGRAMMING
2	Course Code:	BMB3016
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	6
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. 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:	Object Oriented program again, basic blocks of visual programming: value types, operator redefinition, unusual state and event processing, graphical user interface frame structures usage and working with files and XML based data will be covered.
19	Contribution of the Course to Professional Development:	To be able to write general purpose program with C# programming language.
20	Learning Outcomes:	

		1	Using an effective object-oriented programming structure
		2	Application development in visual programming languages
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21	Course Content:	

Course Content:

Week	Theoretical	Practice
1	Introduction	
2	Introduction to C Programming	
3	Structured Program Development	
4	Structured Program Development	

5	Program Control	
6	Program Control	
7	Functions	
8	Recursion	
9	Arrays	
10	Sorting	
11	Pointers	
12	Characters and Strings	
13	Structures	
14	File Processing	

22	Textbooks, References and/or Other Materials:	Microsoft Visual C# 2008: An Introduction to Object Oriented Programming, Joyce Farrell, Third Edition, 2009, ISBN:1-4239-0255

23	Assesment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	25.00
Quiz	0	0.00
Total	3	100.00
Contribution of Term (Year) Learning Activities to		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the		Classical problem solving ability will be measured in

24	ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Practicals/Labs	0	0.00	0.00
Self study and preperation	0	0.00	0.00
Homeworks	14	5.00	70.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	15.00	15.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			162.00
Total work load/ 30 hr			4.90
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	2	3	4	5	4	4	4	2	2	3	3	3	0	0	0	0
ÖK2	4	3	3	3	4	4	4	2	2	3	3	3	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications					
Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High