

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:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Öğr. Üyesi CENGİZ TOĞAY	
15	Course Lecturers:	Doç. Dr. Ahmet Emir DİRİK	
16	Contact information of the Course Coordinator:	Tel: 02242942796 ctogay@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:		
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	Object Oriented Programming		
3	Java and Applet: Event Based Programming		
4	Java and Applet: Event Based Programming		
5	Java and Applet: Event Based Programming		
6	Java and Applet: Event Based Programming		

7	Visual C#	
8	Visual C#	
9	Visual C#	
10	Visual C#	
11	Visual C#	
12	Visual C#	
13	Visual C#	
14	Visual C#	

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
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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
Contribution of Term (Year) Learning Activities to		40.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	3.00	42.00
Measurement and Evaluation Techniques Used in the			
Practicals/Labs	0	0.00	0.00
Self study and preparation	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			147.00
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	0	0	0	0	0	0	0	0	0
ÖK2	4	3	3	3	4	4	4	0	0	0	0	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							