

VISUAL PROGRAMMING

1	Course Title:	VISUAL PROGRAMMING	
2	Course Code:	EEM4110	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	8	
7	ECTS Credits Allocated:	4.00	
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:	Prof. Dr. FAHRİ VATANSEVER	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	E-posta: fahriv@uludag.edu.tr Tel: (224) 294 09 05 Adres: Elektrik-Elektronik Mühendisliği bölümü, No:304	
17	Website:	http://home.uludag.edu.tr/~fahriv	
18	Objective of the Course:	Understanding concept of visual and object oriented programming (C#). To gain ability to develop software belongs to the different application areas	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	To gain software development ability in order to accomplish specific tasks
		2	To gain the ability to develop, select, and use modern techniques and tools necessary for engineering applications
		3	To gain the ability to use information technologies in an efficient way
		4	To gain the ability to simulate experiments with developing software for engineering problems
		5	To gain the ability to collect, analyses and interpret data with developing software for engineering problems
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21	Course Content:		
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Week	Theoretical	Practice	
1	Introduction C# and NET Framework		
2	Basic of C#		

3	Structure and application of decisions, loops in C# and their applications	
4	Numeric, alphanumeric, graphic, system commands in C# and their applications	
5	C# Forms	
6	Common control components in C# and their applications	
7	Common control components in C# and their applications	
8	Midterm Exam + General review	
9	Common control components in C# and their applications	
10	Dialog box and objects. Properties, events and applications	
11	Multimedia components in C#, properties, events and applications	
12	Operating system, Office applications, report components, properties, events and applications	
13	Network components, properties, events and applications	
14	Database components, properties, events and applications	

24	ECTS / WORK LOAD TABLE
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[illegible]

ÖK3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	5	0	0	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			