СС	OMPUTER SYSTEMS	AND II	NTRODUCTION TO ALGORITHMS						
1	Course Title:	COMPU	TER SYSTEMS AND INTRODUCTION TO ALGORITHMS						
2	Course Code:	BMB1001							
3	Type of Course:	Compulsory							
4	Level of Course:	First Cycle							
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	9.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	1.00							
10	Laboratory (hour/week):	2							
11	Prerequisites:								
12	Language:	Turkish							
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Dr. Ögr. Üyesi CENGİZ TOĞAY							
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	Tel: 02242942796 ctogay@uludag.edu.tr							
17	Website:								
18	Objective of the Course:	<ul> <li>1. To introduce Computer Engineering Program, courses offered in the program and related research areas</li> <li>2. To inform students on Computer Engineering as a profession, problems in computer engineering and their solution methods, and application domains</li> <li>3. To invite faculty members, assistants, graduates, employers, senior and graduate students as speakers to introduce Computer Engineering Program from different perspectives</li> </ul>							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Algorithmic thinking						
		2	Programming						
		3	Report						
		4	Presentation						
		5	Team Work						
		6	Resarch						
		7	Ethical behaviour						
		8	An ability to use ofice tools(word/excel/powepoint)						
		9	An ability to communicate effectively						
		10	An ability to identify, formulate, and solve engineering problems						
21	Course Content:								
	Course Content:								
Week	Theoretical		Practice						

1	Introduction. Definition of the Algorith Necessary Properties of the Algorithr Flowcharts.	im. n.	Laboratory study: HTML							
2	Programming Concepts. Definition of variables. Data Types. Assignment Statements	the	Laboratory study:HTML							
3	Programming Concepts. Definition of variables. Data Types. Assignment Statements	the	Laboratory study:HTML							
4	Conditional evaluation. If/else/switch		Laboratory study : HTMI	Laboratory study : HTML+JavaScript						
5	Conditional evaluation. If/else/switch		Laboratory study : HTML+JavaScript							
6	Loop Structures:for/while/do while		Laboratory study : HTML+JavaScript							
7	Loop Structures:for/while/do while		Laboratory study :HTML+ JavaScript							
8	Function Definition.		Laboratory study : HTMI	L+JavaScript						
9	Function Definition.		Laboratory study : +HTN	MLJavaScript						
10	Research and Presentation about Co	omputer	Laboratory study : +HTMLJavaScript							
11	Research and Presentation about Co	omputer	Laboratory study : +HTMLJavaScript							
12	Research and Presentation about Co Science	omputer	Laboratory study : +HTN	MLJavaScript						
13	Research and Presentation about Co Science	omputer	Laboratory study : +HTMLJavaScript							
Activit	es		Number	Duration (hour)	Total Work Load (hour)					
Theore	Materials:		(12th Edition),Addison V	æ9ley;	28.00					
Practic	als/Labs		14	3.00	42.00					
Self stu	dy and preperation		Óvleirview (12th Edition)	7.00	00 00					
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25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	4	3	4	2	4	5	4	0	0	0	0	0	0	0	0	0
ÖK2	2	4	3	5	4	4	3	0	0	0	0	0	0	0	0	0
ÖK3	3	3	3	3	4	3	5	0	0	0	0	0	0	0	0	0
ÖK4	4	3	4	3	5	3	3	0	0	0	0	0	0	0	0	0
ÖK5	3	4	3	3	4	4	5	0	0	0	0	0	0	0	0	0
ÖK6	3	4	3	5	2	2	3	0	0	0	0	0	0	0	0	0
ÖK7	3	3	5	2	2	3	3	0	0	0	0	0	0	0	0	0
ÖK8	2	2	3	3	3	2	4	0	0	0	0	0	0	0	0	0
ÖK9	3	3	4	5	1	3	3	0	0	0	0	0	0	0	0	0
ÖK10	4	3	4	4	4	4	4	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:		2 low			3 Medium		4 High			5 Very High						