INTRODUCTION TO COMPUTER PROGRAMMING									
1	Course Title:	INTRODUCTION TO COMPUTER PROGRAMMING							
2	Course Code:	BMB1002							
3	Type of Course:	Compuls	sory						
4	Level of Course:	First Cycle							
5	Year of Study:	1							
6	Semester:	1							
7	ECTS Credits Allocated:	6.00							
8	Theoretical (hour/week):	2.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	2							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to face							
14	Course Coordinator:	Dr. Ögr. Üyesi EROL SOLMAZ							
15	Course Lecturers:	Yok							
16	Contact information of the Course Coordinator:	Dr.Öğr.Üyesi Erol Solmaz e-posta :esolmaz@uludag.edu.tr Tel : 0 224 2941985							
17	Website:								
18	Objective of the Course:	The purpose of this course is to give the student engineering problem solving skills to write programs in C language and to develop algorithms							
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Problems facing the field of automotive engineering, mathematics, science and engineering can solve using the computer program						
		2	Analyze and prepare the algorithm needed to solve the problem						
		3	Grasp the logic of computer programming, mathematics, science, and gains the ability to solve engineering problems by writing computer programs						
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	ourse Content:								
		Co	ourse Content:						
Week	Theoretical		Practice						
1	Introduction to computers, hardware software, operating systems, algorith	, nms.							

2	Steps of program loops.	solvin ming,	g prob algorit	lems hms a	with co and flow	omput v chai	er rts,									
3	Example	amples of algorithms and flow charts.														
4	ntroduction to C language, structure of a C program, naming of variables, data types, read and write commands, operators, C editor.															
5	Input and functions	out and output wih formatting, arithmetic														
6	Conditio	ndition commands:, if command.														
7	Condition for comn	ondition commands: switch -case, Loops: r command.														
8	Loops: w	/hile,	do-wh	nile co	ommar	nd,										
9	Repeatir	ng cou	rses a	nd mi	dterm	exam										
10	Arrays, 2	rrays, 2 dimensional arrays, matrices.														
11	Subrouti	Subroutines: Function														
12	Subrouti paramete	Subroutines: Function, with or without barameters.														
13	Subrouti	ubroutines: void.														
14	Files		_													
22	Textbool	ks. Re	ferenc	es an	d/or Ot	ther		1.	Alaorit	ma Ge	listirme	ve Pro	aramla	imava (	Giris. Dr.	Fahri
	Materials	s:						Va	Vatansever, Seçkin Yayınları							
Activites					1	Number			Duration (hour)			Total Work Load (hour)				
TERME		ACTI	VITIES	;		N	UMBE		GHT			2.00			28.00	
Practicals/Labs						1	14 2.00				28.00					
Self stud	Self study and preperation							40,	4014 14 3.00				42.00			
Homeworks							8	8 5.00				40.00				
Projects	ne work-project								0.00				0.00			
Field Stu	ald Studies								)	0.00				0.00		
Midterm	erm exams 2								9.00			20.00			20.00	
Others	rs								)		0.00				0.00	
Final Ex	nal Exams entribution of Final Exam to Success Crade											_	20.00			
	ork Load	00 hr							0.00						1/8.00	
Total wu	al work load/ 30 hr						-+-							5.93		
			uise												0.00	
24 ECTS / WORK LOAD TABLE																
25	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	4	4	0	0	0	3	0	0	0	0	0	0	0	0	0	0
ÖK3	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
			LO: L	.earr	nina C	) biec	tives	s F	PQ: P	rogra	ım Qu	alifica	tions	 ;		
					5					5						

Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					