

# INTRODUCTION TO COMPUTER PROGRAMMING

1	Course Title:	INTRODUCTION TO COMPUTER PROGRAMMING	
2	Course Code:	BMB1002	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	1	
6	Semester:	2	
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:	Doç. Dr. Ahmet Emir DİRİK	
15	Course Lecturers:	Doç. Dr. Ahmet Emir DİRİK	
16	Contact information of the Course Coordinator:	edirik@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	The aim of this course is to provide students the knowledge and abilities to design and implement computer programs.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Adequate knowledge in C programming language structures.
		2	Ability to design algorithms to solve problems with various structures.
		3	Ability to use the theoretical and applied information to design and implement computer programs.
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21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Basic Computing Concepts	Lab. study	
2	Introduction to C Programming	Lab. study	
3	Structured Program Development	Lab. study	
4	Structured Program Development	Lab. study	

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

22	Textbooks, References and/or Other Materials:	C How to Program Paul Deitel, Harvey Deitel Pearson
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23	Assesment
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	25.00
Quiz	1	15.00
Home work project	0	0.00

Activites	Number	Duration (hour)	Total Work Load (hour)
Contribution of Term (Year) Learning Activities to Success Grade	40.00	2.00	28.00
Practicals/Labs	14	2.00	28.00
Contribution of Final Exam to Success Grade	60.00	3.00	42.00
Self study and preperation	14		
Homeworks	14	3.00	42.00
Measurement and Evaluation Techniques Used in the Course	0	0.00	0.00
Field Studies	0	0.00	0.00

ECTS/WORK LOAD TABLE			
Midterm exams	1	20.00	20.00
Others	0	0.00	0.00
Final Exams	1	20.00	20.00
Total Work Load			180.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

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	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	4	3	0	4	4	4	0	0	0	0	0	0	0	0	0	0
ÖK3	4	3	0	4	4	4	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications

<b>Contribution Level:</b>	<b>1 very low</b>	<b>2 low</b>	<b>3 Medium</b>	<b>4 High</b>	<b>5 Very High</b>
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