INTRODUCTION TO COMPUTER

1	Course Title:	INTRODUCTION TO COMPUTER
2	Course Code:	INS1005
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç.Dr. SERDAR KORKMAZ
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	skorkmaz@uludag.edu.tr 0224 24 09 04
17	Website:	http://insaat.uludag.edu.tr/
18	Objective of the Course:	To introduce the commonly-used office software and to program in basic level
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	To distinguish between computers and information systems
	2	To learn software and hardware types
	3	To be able prepare reports using word processors
	4	To be able to carry out all types of computations using spreadsheet program
	5	To be able to demonstrate the work done to others using slide-show program
	6	To be able to implementcomplex algorithms using programing language
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21	Course Content:

Course Content:	
Week **Theoretical**	**Practice**
1 Introduction to computer, its properties and brief history	
2 Introduction to common hardware and office programs	Usage of essential properties of operating system
3 Introduction to word processor, fonts and bulleting	Writing on computer

4	Heading styles, insertion of picture, table and equation	Insertion of picture, table and equation
5	Automated captioning of pictures, tables and equations and cross-referencing	Preparation of a sample report
6	Introduction to spreadsheet program	Making tables and writing equations
7	Equation types and commonly used functions	Application of If statement
8	Graphic drawing using values in a table	Graphic drawing and inserting trendlines
9	Iteration techniques: solution of equations using iteration in a table	Equation solving with iterations
10	Iteration techniques: solution of equations using Goal Seek function	Equation solving with iterations
11	Introduction to slideshow program	Preparing a sample presentation
12	Introduction to programing with Visual Basic	Reading from and writing to a table
13	Introduction to programing with Visual Basic	Application of If statement
14	Introduction to programing with Visual Basic	Equation solving- Do loop, For next loops and calling functions

22	Textbooks, References and/or Other Materials:	1. Yanık, M. (2010).Visual Basic 10 for .Net Framework 4.0. Seçkin, Ankara. 2. Timothy J. O'Leary, Linda I. O'Leary. (2008). Computing Essentials 2008. McGraw-Hill.

23	Assesment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT		
Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical		14	1.00	14.00
Home work-project	0	0.00		
Final Exam	1	0.00		
Practicals/Labs		14	2.00	28.00
Total	2	100.00		
Self study and preperation		14	3.00	42.00
Homeworks		0	0.00	0.00
Projects		0	0.00	0.00
Contribution of Final Exam to Success Grade	60.00			
Field Studies		0	0.00	0.00
Total	100.00			
Midterm exams		1	2.00	2.00
Others		0	0.00	0.00
Course				
Final Exams		1	2.00	2.00

24	ECTS / WORK LOAD TABLE		
Total Work Load			88.00
Total work load/ 30 hr			2.93
ECTS Credit of the Course			3.00

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	5	0	0	0	5	0	0	0	0	0	0	0	0
ÖK2	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0
ÖK3	3	0	0	5	0	0	0	4	0	0	0	0	0	0	0	0
ÖK4	3	4	0	5	0	0	0	4	0	0	0	0	0	0	0	0

ÖK5	3	4	0	5	0	0	0	4	0	0	0	0	0	0	0	0
ÖK6	3	4	0	5	0	0	0	4	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications				
Contrib ution Level:	1 very low	2 low	3 Medium	4 High	5 Very High