COMPUTER PROGRAMING

1	Course Title:	COMPUTER PROGRAMING
2	Course Code:	BMB0515
3	Type of Course:	Optional
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
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. ŞABAN GÜVENÇ
15	Course Lecturers:	Prof. Dr. ŞABAN GÜVENÇ
16	Contact information of the Course Coordinator:	Uludağ Üniversitesi Fen-Edebiyat Fakültesi Biyoloji Bölümü Görükle Kampüsü, Nilüfer/BURSA 16059 e-posta: saban@uludag.edu.tr Telefon: 0 224 294 17 93 Uludag University Faculty of Arts and Science Department of Biology Gorukle Campus, Nilufer/BURSA 16059 e-mail: saban@uludag.edu.tr Phone: 0 224 294 17 93
17	Website:	
18	Objective of the Course:	Course aims to introduce students to computers and various programs (Windows, Word, Excel). A variety of computer statistical analysis, table creation, graphic drawing and image insertion, forming, through internet magnetic media access to the information on the ways are taught. The computer's hardware and software parts and functions; DOS operating system and the use of command; Windows operating system and use, Microsoft Word and the use of the Excel program, and scanning the Internet to access to the articles and methods of statistical analysis process on computer.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	Ability to understand computer terms.
	2	Ability to learn use of basic computer.
	3	Ability to use MS Word program.
	4	Ability to use Excel and Powerpoint programs.
	5	Ability on how to use current information technology for achieve to knowledge.
	6	To have the knowledge and skills to transfer research results using information technology.
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21	Course Content:		

Course Content:

Week	Theoretical	Practice
1	History, classification, hardware and software, of computer.	
2	Basic Operating System: System Resources, Operating System components, Operating System Functions, Types of Operating System. File Management: FAT File Management System, NTFS File Management System, memory management and memory types, memory conflicts, Protected Mode Memory Addressing. System Specification: General System, Computer name, Hardware, System restore, Automatic updates, Remote desktop, advanced and registry, Startup Menu and Safe Mode. Operation System: Operating System Versions and Specifications, Installation.	
3	Administrative Tools: Component Services, Computer Management, Services, Event Viewer, Performance, Data Sources, Local Security Policy. Desktop Features: Themes	

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	Windows Components Add / Remove Programs, Set Program Access and Default	14	2.00	28.00
Practicals/Labs		14	2.00	28.00
Self study and preperation	Access and Defaults. Scheduled Tasks	14	4.00	56.00
4	DOS operating system and DOS commands			
Homeworks		0	0.00	0.00
Projects	characters, create directories, delete (MD, CD, RD, DEL, deltree, TREE, COPY, REN	0	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exams	5 Using the Word and display elements:	1	30.00	30.00
Others		0	0.00	0.00
Final Exam	document, locate and open a saved	1	40.00	40.00
Total Work Load				182.00
Total workload / 30	print preview, print the document. Menu			6.07
ECTS Credit of the Course				4.00
	document (marking), Find and Replace. View Menu Operations: Document Views, Header and Footer.			
6	Add to Menu: Cutting insert, insert the page number, date and time insertion, automatic text insertion, inserting symbols, adding footnotes, index and table of contents, insert, auto text, add images, add Text Box, Add other drawing objects. Format Menu: font formatting, paragraph formatting, Borders and Shading, Columns, Tabs, Drop Cap, Large / Small Change Case, Style. Tools Menu: Language - Setting the Spelling and Grammar, Word Count. Table Menu: Insert Table, Auto Format, table cell, row, column operations, delete, insert, merge, split, row heights and column widths.	

7	Excel: Workbook, Toolbars, worksheets. Data Entry and Regulations to cell: File, Edit, View, Insert, Format, Tools, transactions pertaining to the Data Menu.	
8	Repeating courses and midterm exam	
9	Formulae	
10	Creating a Graphic (Line charts)	
11	Creating a Graphic (Column charts)	
12	Operations of data menu	
13	Preparing The Powerpoint Presentation	
14	Internet: Internet development, computer connecting to the Internet, the Internet addressing, providing Internet communications, the use of Internet Explorer, to scan the Internet, downloading a document.	
22	Textbooks, References and/or Other Materials:	H. Kemal SEZEN, Introduction to Computers and Microsoft Office 2000, Marmara Publishing, Bursa, 2000. Cemal ÇELİK, Office XP, Paradigm Academy, 2003.
23	Assesment	

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	1	40.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	60.00
Total	2	100.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		

24	ECTS / WORK LOAD TABLE

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	0	5	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
ÖK3	0	0	0	0	5	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	0	0	0	0	3	5	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	3	5	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

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