Course Syllabus

Code - Course Title	**BİL100 - Information and Communication Technologies**
Course Type	I. SEMESTER
Laboratory + Practice	4+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	ÖĞR. GÖR. DR. NEZİH KIREL

Mode of Delivery	The mode of delivery of this course face to face
Prerequisites	There is no prerequisite for this course
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Information technologies and basic concepts	
Week - 2		Computer hardware, input-output, memories, other computer devices.	
Week - 3		Computer Software,Components of software, computer programming, operating systems.	
Week - 4		Operating systems and types, basic functions of OS, using OS	
Week - 5		Word processors, basic concepts, feature, using word processing	
Week - 6		Spreadsheet , specifications of DBMS, using Spreadsheet	
Week - 7		Midterm I	
Week - 8		Databes, basic cocepts, specifications of DBMS, using database.	
Week - 9		Presentation software, visual literacy, using presantation software	
Week - 10		Networks, basic concepts and definitions, components of computer networks and types.	
Week - 11		Infrastructure of Internet, communications between computers, basic concepts of internet, connecting to internet.	
Week - 12		Using Internet, basic concepts, WWW, browsers, FTP, search engine, e-mail, and other concepts.	
Week - 13		Ways of problem solving with computers, algorithm and flow charts diagrams, systems analysis and design information systems	
Week - 14		How to operate the office programs	

Learning Outcomes

#	Learning Outcome
1	Operates the office software effectively.
2	Creates slide shows for the purpose.
3	Records his/her data via adatabase program.
4	Explains the benefits of using drawing software and determines the type of the image.
5	Defines the basic concepts of computer network.
6	Lists the basic components of a network.
7	Identifies the type of network according to the geographical distribution and network topology.
8	Explains what the speed of a network means.
9	Develops the Internet usage and explains the infrastructure of the Internet.
10	Defines the basic concepts of the common language that enables communication over the Internet.
11	Defines the types of the connections to the Internet defines the web servers.
12	Defines the basics concepts of e-mail, chat and file transfer.
13	Uses search engines to access information over the internet.
14	Defines the ways of problem solving with the computer by defining the concept of the problem.
15	Defines the algorithms and flow charts.
16	Defines the information systems and the types of them.
17	Lists the steps of system analysis and design.
18	How to operate the office programs
19	How to operate the office programs
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21	How to operate the office programs

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.