



Akdeniz University

Rektörlük Servis
Rektörlük Servis

ENF 105 Information Technologies					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	ENF 105	Information Technologies	3	3	5

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Bachelor's Degree

Work Placement(s):

No

Department / Program:

Rektörlük Servis

Type of Course Unit:

Required

Objectives of the Course:

The aim of this course; by making students understand the importance of basic information technologies, to gain problem solving and analysis skills, to create an infrastructure for research and learning needs, to develop learning skills by understanding the importance of technology and science in education and professional life.

Content of the Course:

Information technologies and computational thinking; problem solving concepts and approaches; algorithm and flowcharts; computer systems; basic concepts of software and hardware; basics of operating systems, current operating systems; file management; utilities (third party software); word processing programs; calculation/table/graph programs; presentation programs; desktop publishing; database management systems; Web designing; internet use in education; communication and collaboration technologies; safe internet use; IT ethics and copyrights; effects of computers and internet on children/youth.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Evren Sezgin
Instructor Şahin Akbunar
Instructor Dr. Uğur Ercan

Assistants:**Recommended or Required Reading****Resources**

lecturer notes

Course Category			
Mathematics and Basic Sciences	: 10	Education	: 40
Engineering	: 30	Science	:
Engineering Design	:	Health	:
Social Sciences	: 20	Field	:

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Introduction of the aim of the course and course contents- Computer basics- Basic components of the co		
2	computer hardware-Hardware parts-Keyboard and mouse useSoftware and Operating System- Operating		
3	Algorithm and programming basic concepts and logicComprehending how to solve a problem, how to rea		
4	Word- File operations- Page structure- Text operations- Stylesvisual objects- Links- Header and Footer- T		
5	Spreadsheets- Working with spreadsheets- Data formats- Editing the spreadsheetRow/column widthsBor		
6	- FunctionsLogicalTextDate and timeSearch and ApplicationMathematics and Trigonometry- Sorting and F		
7	Preparing a presentation- Presentation structurePage settingsAdding a page numberAdd header/footer- V		
8	Security of Information Systems Computer viruses, Trojan horses, worms Protection from viruses Back		
9	Teaching in Computer and Internet EnvironmentTeacher and Student Roles in Computer Assisted Educati		
10	Strategies for Accessing Secure Information on the InternetUtilizing Internet Resources (Articles, books, €		
11	Introduction of graphic, drawing and page design programs used in desktop publishingDrawing tools defi		
12	Database Management SystemDatabase and database management systems conceptsExplain the functio		
13	Creating a Personal Website (Wordpress)Creating a Blog AccountAdding MaterialCreating an Animated M		
14	Computer and Internet Use in Children and AdolescentsDevelopmental ConsequencesInternet Use in Chil		
15	course assessment		

Course Learning Outcomes

No	Learning Outcomes
C01	Understands the working principle of hardware and software.
C02	Be prone to use of technological devices.
C03	Operating system, internet and computer networks, word processing, electronics will have information about spreadsheet, presentation preparation, basic information ar
C04	Explain the rules of web design. Web-based education applications designs
C05	Explain the developmental consequences of computer and internet use in children and adolescents.

Assessment Methods and Criteria		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%30
Quizzes	0	%0
Assignment	0	%0
Attendance	1	%10
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%100

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	15	3	45
Hours for off-the-c.r.stud	15	3	45
Assignments	1	7	7
Presentation	0	0	0
Mid-terms	1	10	10
Practice	8	2	16
Laboratory	0	0	0
Project	0	0	0
Final examination	1	15	15
Total Work Load			138
ECTS Credit of the Course			5

Contribution of Learning Outcomes to Programme Outcomes
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