

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
INFORMATION TECHNOLOGY	ULY1224290	Spring Semester	2+0	2	5
Prerequisites Courses					
Recommended Elective Courses					
Language of Instruction	Turkish				
Course Level	First Cycle (Bachelor's Degree)				
Course Type	Required				
Course Coordinator	Assist.Prof. Recep ÖZSÜRÜNÇ				
Name of Lecturer(s)	Assist.Prof. Recep ÖZSÜRÜNÇ				
Assistant(s)					
Aim	is to teach student fundamentals of hardware, operating systems, office programs and especially spreadsheet program (excel) in order to have them ability to use them for management and operational levels.				
Course Content	This course contains; History of computer,Hardware and peripheral units,Operating systems,Computer networks and internet,Word Program (office),Word Program (office),Presentation Program (Office),Presentation Program (Office),Web Design,Spreadsheet program,Spreadsheet program,Spreadsheet program,Data Security,Internet Security.				
Course Learning Outcomes			Teaching Methods	Assessment Methods	
1. Will be able to evaluate Information Technologies.			10, 11, 16, 23, 4, 8, 9	A	
1.1 Explains where to use information technologies					
1.2. Compares the advantages and disadvantages information technologies. on technologies.					
1.3. Debates about the substructure of computer systems.					
2. Will be able to evaluate the information technology processes			12, 14, 16, 23, 9	A	
2.1. Distinguishes the operating systems in the computer.					
2.2. Resolves the errors of the operating systems.					
3. Will be able to evaluate information technologies			11, 14, 19, 20, 8, 9	A	
3.1. Uses Word, spreadsheet and presentation programs					
3.2. Manages their own social media accounts.					
3.3. Manages spreadsheet programs.					
4. Will be able to summarize the fundamental concepts in information systems, software development process and security of information systems.			10, 13, 16, 19, 4, 9	A	
4.1. Uses the basic concepts in programming.					
4.2. Understands security vulnerabilities in information systems.					
4.3. Has general information about web design.					
5. Will be able to evaluate information systems in Turkey, privacy of health informations and challenges of information systems.			10, 11, 12, 13, 16, 19, 23, 9	A	
5.1. Debates data security.					
5.2. Tells about the Cybersafety.					
Teaching Methods	10: Discussion Method, 11: Demonstration Method, 12: Problem Solving Method, 13: Case Study Method, 14: Self Study Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 20: Reverse Brainstorming Technique, 23: Concept Map Technique, 4: Inquiry-Based Learning, 8: Flipped Classroom Learning, 9: Lecture Method				
Assessment Methods	A: Traditional Written Exam				
Lecture Schedule					
Sequence	Topics	Preliminary Preparation			
1	History of computer	Chapter 1			
2	Hardware and peripheral units	Chapter 2			
3	Operating systems	Chapter 3			
4	Computer networks and internet	Chapter 4			
5	Word Program (office)	Chapter 5			
6	Word Program (office)	Chapter 5			
7	Presentation Program (Office)	Chapter 6			
8	Presentation Program (Office)	Chapter 6			
9	Web Design	Chapter 7			
10	Spreadsheet program	Chapter 8			
11	Spreadsheet program	Chapter 8			
12	Spreadsheet program	Chapter 8			
13	Data Security	Chapter 9			
14	Internet Security	Chapter 9			
Evaluation Methods		Weight(%)			
Midterm Exam		40			
General Exam		60			

Resources

Laudon, K. C. and Laudon, J. P. (2018). Management Information Systems: Managing the Digital Business. Pearson. Translated by: Prof. Dr. Uğur Yozgat (Nobel Publications)

Kul, R. H. (2013). Information Systems: Fundamentals and Applications. Papatya Publishing.