

| Course Description | | | | | |
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| Name | Code | Semester | T+A Hour | Credit | ECTS |
| INFORMATION TECHNOLOGY | HVY1224290 | 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. Yasemin KARAKOÇ | | | | |
| 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 |
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| 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. |