



Al-Ayen University / Technical Engineering College / Department
of Medical Instrumentation Technical Engineering

Template of Course Specification

Name and Scientific title of the subject instructor: M.Sc. Fatima Ghali

Name of Course: Computer Applications

Course Specification

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification

1.	Teaching Institution	Al-Ayen University / Technical Engineering College
2.	University Department / Center	Department of Medical Instrumentation Technical Engineering
3.	Course Title / Code	Computer Applications
4.	Program(s) to which it contributes	B.Sc.
5.	Modes of Attendance offered	Theoretical and practical lectures
6.	Semester/Year	1 st / 2022
7.	Number of hours tuition (total)	60 practical 60 theoretical
8.	Date of production/revision of this Specification	2021-2022
9.	Aims of the Course	
i.	Learn the basics of the computer	
ii.	Learn how to use Windows 7	
iii.	Explanation of how to use Microsoft Office Word	
iv.	Learn how to use Microsoft Excel	
v.	Knowing the basics of the internet	
10.	Learning Outcomes, Teaching, Learning and Assessment Methods	
A.	Knowledge and understanding A1. A1. Providing the student with a knowledge skill about the basics of computers A2. He knows how to work with Microsoft	



B.	Subject-specific skills B1. Knowledge of computer basics B2. Expand the student's concepts about the basics of the Internet and Microsoft
C.	Assessment methods 1. Exams of all kinds 2. Student feedback 3. The way of expressing the faces 4. Learning Matrix 5. Reports and studies
E.	Teaching and learning methods 1. The method of giving lectures 2. Student Group 3. Workshops 4. Reports and studies 5. Use of illustrations and digital projectors for subjects that require this
G.	General and Transferable Skills (other skills relevant to employability and personal development) D1. verbal communication D2. Team work Analysis and verification D3. Written communication D4. Planning and organizing D5. Flexibility D6. time management D7. Initiative and motivation at work

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Methods	Assessment Methods
1.	4		Hardware and Software/computer structure/ Floppy magnetic disks	give the lecture using PowerPoint	quizzes
2.	4		Floppy magnetic disks/ CD-ROM	give the lecture using PowerPoint	quizzes
3.	4		High level programming language /Constant and variable	give the lecture using PowerPoint	quizzes
4.	4		Library Function /Arithmetic expression/Type of Monitor /Number of systems	give the lecture using PowerPoint	quizzes
5.	4		Operating system	give the lecture	quizzes



				using PowerPoint	
6.	4		A look at Windows 7	give the lecture using PowerPoint	quizzes
7.	4		Stating Windows XP/Working with a windows Program	give the lecture using PowerPoint	quizzes
8.	4		Using My computer	give the lecture using PowerPoint	quizzes
9.	4		Working with Taskbar and Desktop	give the lecture using PowerPoint	quizzes
10.	4		Using Windows Accessories	give the lecture using PowerPoint	quizzes
11.	4		A look at Control Panel	give the lecture using PowerPoint	quizzes
12.	4		Windows Explorer	give the lecture using PowerPoint	quizzes
13.	4		libraries	give the lecture using PowerPoint	quizzes
14.	4		A look at Microsoft Word /Editing Document	give the lecture using PowerPoint	quizzes
15.	4		Formatting Text	give the lecture using PowerPoint	quizzes



12. Infrastructure	
Required reading: ·CORE TEXTS ·COURSE MATERIALS · OTHER	Computer skills and applications 1- Ziad Mohamed Abboud 2- Amir Hussein Murad 3- Ghassan Hamid Abdul Majeed 4- Bilal Kamal
Special requirements (include for example workshops, periodicals, IT software, websites)	Scientific journals in administrative disciplines and total quality management
Community-based facilities (include for example, guest Lectures, internship, field studies)	Specialized websites

13. Admissions	
Pre-requisites	
Minimum number of students	100
Maximum number of students	500

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