

**Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department**



Course Description Guide

Course Description Form

Course Name:					
Computers 1					
Course Code:					
CS-161, CS-162					
Semester / Year:					
2024-2025					
Description Preparation Date:					
26-10-2024					
Available Attendance Forms:					
Theoretical and Practical / First Year,					
Number of Credit Hours (Total) / Number of Units (Total)					
Number of Study Hours (30) / Number of Units (2)					
Course administrator's name (mention all, if more than one name)					
Name: Ass. Lec. Kawther Kanaan Saleh					
Email: kawther.kanaan@alzahraa.edu.iq					
1. Course Objectives					
Course Objectives		Students successfully completing this course will be able to: Utilize the computer for fundamental tasks. Identify and discuss the hardware components of the computer system. Creating documents using a word processor and creating presentations. Conducting research on the Internet. An introduction to Artificial Intelligence			
2. Teaching and Learning Strategies					
Strategy		--Brainstorming strategy -Teamwork strategy -Discussion strategy -Case study strategy - inductive teaching strategy - concept mapping strategy -Practical field training strategy -Self—learning strategy			
3. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1 -2	2	To enable the students to know the Introduction to the computer	Hardware and software concepts and its componentsApplications Information Connecting devicesInputand output &Hardware Terminal In the processing unit Central	Through delivering lectures in the lab and explaining PowerPoint presentations with images about computers	Quizzes , oral examination Midterm Exams

3-4-5-6	4	To enable the students to know Computer Components	Computer parts, types of memory,volatile memory,non-volatile memory,secondary storage. CPU controller, arithmetic, logic and logs module	Through delivering lectures in the lab and explaining PowerPoint presentations with images about computers	Quizzes , oral examination Midterm Exams
7-8-9-10	4	To enable the students to know Operating system and interface Graphical user	Operating System Basics of Common Operating Systems User Interface Use of Mouse Techniques Use common icons, status bar, use menu, and menu selection	Through delivering lectures in the lab and explaining PowerPoint presentations with images about computers	Quizzes , oral examination Midterm Exams
11-12-13-14	4	To enable the students to know Word processing	Basics of word processing Create and manipulate texts Format texts and paragraphs Use templates to create documents Create and manage schedules Spelling tools:	Through delivering lectures in the lab and explaining PowerPoint presentations with images about computers	Quizzes , oral examination Midterm Exams
15-16-17-18	4	To enable the students to know Data table	Introduction to spreadsheet programs Sort and filter data Use formulas and functions Data validation	Through delivering lectures in the lab and explaining PowerPoint presentations with images about computers	Quizzes , oral examination Midterm Exams
19-20-21-22	4	To enable the students to know Presentation Programs	Introduction to presentation software, use of templates, hyperlinks, troubleshooting	Through Throwing Lectures Inside the laboratory POWERPOINT EXPLAINED In pictures about computers	Quizzes , oral examination Midterm Exams

23-24-25-26	4	To enable the students to know the Introduction to the Internet and web browsers	Fundamentals of Computer Networks Local Area Network and Wide Area Network, World Wide Web, IP Address. URL	Through Throwing Lectures Inside the laboratory POWERPOINT EXPLAINED In pictures about computers	Quizzes , oral examination Midterm Exams
27-28	2	To enable the students to know Telecommunications & Post Electronic	Email Basics Send and use emails for messaging	Through Throwing Lectures Inside the laboratory POWERPOINT EXPLAINED In pictures about computers	Quizzes , oral examination Midterm Exams
29-30	2	To enable the students to know Introduction to Computing Cloud & Services	WORKSPACE.GOOGLE DOCS	Through Throwing Lectures Inside the laboratory POWERPOINT EXPLAINED In pictures about computers	Quizzes , oral examination Midterm Exams

Course Evaluation

Grade Distribution:

FINAL Exam: 60 points

Mid exam : 40n points

Learning and Teaching Resources

Required textbooks (curricular books, if any)	Computer Basics and Office Applications
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Main references (sources)	Computer skills
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Recommended books and references (scientific journals, reports...)	Computer skills
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Electronic References, Websites	https://www.agitraining.com/books/microsoft-windows-books
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1. Curriculum improvement and curriculum development

Integration of modern technology:

Advanced devices and applications: Using the latest devices and applications in teaching, such as robotics and Internet of Things devices.

Virtual and Augmented Reality: Employing these technologies to make learning more interactive and engaging

. Integrating project-based learning:

Open source projects: Encourage students to contribute to open source software projects, which promotes a spirit of collaboration and teamwork.

Hackathons: Organizing short-term programming competitions to solve real challenges.

Mobile Application Development: Teach students how to develop apps for Android or iPhone devices

Focus on future skills:

Data Science and Analysis: Equips students to work with vast amounts of data and make informed decisions based on them.

Cybersecurity: Teach them how to protect themselves and others from cyber threats.

Sustainable development: Integrating sustainability concepts into programming projects, such as developing energy-efficient applications or environmental solutions