

Course Description Form

1. Course Name	
Computer Science	
2. Course Code	
QS-11-06	
3. Semester / Year	
First Semester / First Stage / Academic Year 2025–2026	
4. Date this description was prepared	
22 / 9 / 2025	
5. Available Forms of Attendance	
Morning – Evening	
6. Number of Hours (Total) / Number of Credits (Total)	
45 Hours / 3 Units	
7. Course administrator name (if more than one name mentioned)	
Name: Hassanein Sahib Muhammad Email: hasanen.alsafar1997@gmail.com	
8. Course Objectives	
Course Objectives	Cognitive Goals The student will be able to: 1– Knows basic concepts and terms in computers. 2– It explains the relationship between hardware and software. 3– Distinguishes between data and information. Analyzes the components of operating systems and application software. Skill Objectives The student will be able to: 1– It is a systematic scientific research in word processing software

	2– Provides oral and written scientific presentations using software Presentations. 3– Applies Internet and email skills in research and communication. 4– Actively participates in classroom discussions and collaborative activities. Value Goals The student will be able to: 1– It embodies ethical values in the use of technology to serve society. 2– Respects the plurality and difference of scientific opinions within a positive classroom environment. 3– Contributes to community and awareness activities through Employing technology. 4– Practice self-criticism and meditation in the light of academic values.
9. Teaching and Learning Strategies	
Strategy	Teaching and Learning Strategies 1. Interactive lectures to present theoretical concepts of computers. 2. Practical workshops on programs (Word, PowerPoint, Internet, Email). 3. Group projects to make reports or short presentations. 4. Individual research assignments on topics such as "cloud computing. Note: A group of the following strategies can be mentioned according to the article:

	• Using interactive lectures to present theoretical concepts in Engaging students with discussion and motivational questions. • Employ blended learning by combining classroom lectures with online activities or content, including recorded recitations, digital lectures, virtual discussions, and online quizzes. • Guide students to read essential sources from books, and analyze them within study assignments to enhance deep understanding. • Assign students presentations on selected topics from, which develops summarizing, explaining, and communication skills. • Conducting practical workshops in, which allows the practice of research and applied skills. • Promote collaborative learning through group projects or structured interpretive discussions, to develop dialogue and teamwork skills. • Assign students to individual or group research projects in topics , using scientific methodology and academic documentation. • Training students in analytical and writing exercises that require deriving concepts and meanings and linking them to reality. • Conduct discussions based on Quranic values. • Engaging students in community service activities related to the Holy Quran such as education or awareness, to enhance the practical impact of science in society. • Encourage self-reflection by writing personal reflections that link what the student has learned to their behavior or attitudes in life.
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10. Course Structure

The week	Hours	Required Learning Outcomes	Unit Name or Subject	Learning method	Evaluation Method
1	2	Understanding the concept of a computer	Introduction to Compu	Interactive Lecture	Class Questions

2	2	Computer Component Analysis	Computer Components (HW & SW)	Description + Pictures	Short test
3	2	Computer Component Analysis	Computer Components (HW & SW)	Description + Pictures	Short test
4	2	Using the System Interface	Operating System & Use Interface	Practical Application	Practical Assessment
5	2	Using the System Interface	Operating System & Use Interface	Practical Application	Practical Assessment
6	2	Write a rich text	Word Processing (Word)	Practical Workshop	Coordinated file
7	2	Set up slides	Presentations (PowerPoint)	Practice	Short Presentation
8	2	Online Search	Internet and browsers	Practice	Research Duty
9	2	Online Search	Internet and browsers	Practice	Research Duty
10	2	Create an email	Email	Practical Application	Send a message
11	2	Use Drive	Cloud Computing	Practice	Upload a joint file
12	2	Use Drive	Cloud Computing	Practice	Upload a joint file
13	2	Comprehensive Review	Diverse Applications	Class Discussion	Semester Exam
14	2	Comprehensive Review	Diverse Applications	Class Discussion	Semester Exam
15	2	Comprehensive Calendar	Review and conclusion	Review + Discussion	final exam

11. Course Evaluation

Distribution of the score out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports , etc. etc

- Preparation and class participation: 5 grades
- Assignments and Reports: 5 Marks
- Short and practical tests: 5 marks
- Semester Exam: 25 marks
- Final Exam: 60 marks

12. Learning and Teaching Resources	
Required Textbooks (Methodology, if any)	-1 Fundamentals of Computer Science – Introductory Level -2 Microsoft Office Tutorials (Word, PowerPoint) -3 Internet Basics Guide
Main References (Sources)	1- Computer Fundamentals – P.K. Sinha 2- Introduction to Computers – Peter Norton 3- Operating Systems Concepts – Silberschatz
Recommended books and references (scientific journals, reports...)	1- Articles and periodicals in the field information technology. 2- Reports on cloud computing and educational applications.
Electronic References, Websites	1- https://www.tutorialspoint.com 2- https://edu.gcfglobal.org 3- https://support.google.com/docs 4- https://www.microsoft.com/office

Authentication of the Head of the Department..Approval of the Dean of the College



د. فهد مكيق المائلي