Course Description Form

1. Course Name
Computer Science
2. Course Code
FS-11-CO
3. Semester / Year
First Semester / Phase I / Academic Year 2026-2027
4. Date this description was prepared
2 / 9 / 2026
5. Available Forms of Attendance
Morning - Evening
6. Number of Hours (Total) / Number of Credits (Total)
30 Hours/2 Units
7. Course administrator name (if more than one name mentioned)
Name: Hussein Ghani Kamr Email: iugfdbcthc@gmail.com
8. Course Objectives

Cognitive Goals	Course Objectives
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 system 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 o scientific opinions within a positive classroom environment.

3- Contributes to community and awaren activities through Employing technology.

4- Practice self-criticism and meditation i the light of academic values.

9. Teaching and Learning Strategies

Strategy

Teaching and Learning Strategies

1. Interactive lectures to present theoretical concepts of computer
2. Practical workshops on programs (Word, PowerPoint, Exc Internet, Email).
3. Group projects to make reports or short presentations.
4. Individual research assignments on topics such as "clo computing.

Note:

A group of the following strategies can be mentioned according to t article:

- Using **interactive lectures** to present theoretical concepts in ..... While 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 assignments to enhance deep understanding.
- assign students **presentations** on selected topics from ..... , which develops summarizing, explanation, and communication skills.
- Implementing **practical workshops** in ..... , enabling 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.

10. Course Structure

Evaluation Method	Learning method	Unit Name or Subject	Required Learning Outcomes	Watches	The week
Class Questions	Interactive Lecture	Introduction to Compu	Understanding the concept of a computer	2	1
Short test	Description + Pictures	Computer Components (HW & SW)	Computer Component Analysis	2	2
Short test	Description + Pictures	Computer Components (HW & SW)	Computer Component Analysis	2	3

Practical Assessment	Practical Application	Operating System &User Interface	Using the System Interface	2	4
Practical Assessment	Practical Application	Operating System & Use Interface	Using the System Interface	2	5
Practical Assessment	Practical Workshop	Word Processing (Wor	Fundamentals of Word Processing	2	6
Generate a repo	Practical Workshop	Word Processing (Wor	Word processing skills	2	7
Practical Assessment + Semester exa	Practical Workshop	Spreadsheets (Excel)	Spreadsheet Basics	2	8
Practical Duty	Practical Workshop	Spreadsheets (Excel)	Work skills on Spreadsheets	2	9
Practical Assessment	Practical Workshop	Presentations PowerPoint	Presentation Basics	2	10
Create a Presentation Introduction	Practical Workshop	Presentations PowerPoint	Presentation Skills	2	11
Short test	Practical Traini	Introduction to the Internet and web browsers	Internet & Networking Basics	2	12
Practical Assessment	Practical Traini	Introduction to the Internet and web browsers	Web Browsing and Engines Research	2	13
Send a Message Semester exam	Practical Application	E-mail	Email skills	2	14
Class Questions final exam	Interactive Lecture	Cloud Computing	Cloud Computing Bas	2	15

11. Course Evaluation

Distribution of the grade 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 Classroom Participation: 4 Grades
- Assignments & Reports: 6 Marks
- Short and practical tests: 6 marks
- Semester Exams: 24 marks
- Final Exam: 60 marks

12. Learning and Teaching Resources

1-Graham Brown, David Watson, "Cambridge IGCSE Information and Communication Technology", 3rd Edition (2020)2- Alan Evans, Kendall Martin, Mary Anne Poatsy, "Technology In Action Complete", 16th Edition (2020).	Required Textbooks (Methodology, if any)

3- Microsoft Office 2019 Step by Step 1st Edition by Curtis Frye & Joan Lambert 4- Greens on Greens Researcher (Fundamentals of Comput 2016	
1- Introduction to Computers – Peter Norton 2- Discovering Computers — Fundamentals: Your Interactive Guide to the Digital World, 2012 Edition	Main References (Sources)
1- Reports on cloud computing and educational applications.	Recommended books and references (scientific journals, reports…)
1- https://www.microsoft.com/office	Electronic References, Websites

Approval of the Dean of the College
Assoc. Prof. Dr. Talal Faiq Al-Kamali

Authentication of the Head of the Department
Assoc. Prof. Dr. Esraa