

Course Description Form

1. Educational Institution:
Northern Technical University / Nimrud Technical Institute
2. Academic Department:
Department of Therapeutic Nutrition Techniques
3. Course Title:
Computer1
4. Course Code:
NTU 102
5. Level / Academic Year:
First / 2025–2026
6. Date of Description Preparation:
21/10/2025
7. Available Attendance Modes:
In-person
8. Total Credit Hours / Units:
30 hours (1 theoretical + 1 practical) × 15 weeks
9. Course Coordinator (All names if multiple):
Name: Dr. Assad Ibrahim Mustafa Email: mti.lec149.assad@ntu.edu.iq
10. Course Objectives:
• For the student to know the concept of the computer, its development, and its importance in daily and educational life. • The student should distinguish between the physical and software components of the computer and the function of each. • The student applies commands to manage files and folders within the system. • The student should be able to integrate his skills into an integrated application using Office programs.
11. Teaching and Learning Strategies:
• Dialogue and discussion strategy. • Brainstorming.

- Self-learning.
- Assigning collaborative group work.
- Assigning reports.

12.Course Structure:

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 Hours (1Theory+1 Practical)	To introduce the student to the concept of the computer, its development, and its importance in daily and educational life.	Introduction to computers	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports.
2	2 Hours (1Theory+1 Practical)	The student should distinguish between the physical and software components of the computer and the function of each.	Computer components (Hardware / Software)	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports.
3	2 Hours (1Theory+1 Practical)	The student explains the concept of the operating system and its basic functions.	Operating systems	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
4	2 Hours (1Theory+1 Practical)	The student applies commands to manage files and folders within the system.	Dealing with the operating system (Windows)	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
5	2 Hours (1Theory+1 Practical)	For the student to become familiar with the components of the desktop and its basic settings.	Graphical User Interface (GUI)	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
6	2 Hours (1Theory+1 Practical)	The student creates a new document and interacts with the program interface.	Introduction to Microsoft Word	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
7	2 Hours (1Theory+1 Practical)	The student should use formatting tools to prepare a professionally formatted document.	Word – Formatting text and tables	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
8	2 Hours (1Theory+1 Practical)	The student should use his skills to create reports ready to be printed.	Word – preparing reports and research	Presentation, explanation, Q&A, interactive discussion, self-learning.	Written examination
9	2 Hours (1Theory+1 Practical)	The student explains the concept of electronic tables and enters correct data.	Introduction to Microsoft Excel	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports

10	2 Hours (1 Theory+1 Practical)	The student applies equations and functions and creates a graph.	Excel – functions and graphing	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
11	2 Hours (1 Theory+1 Practical)	For the student to know the concept of presentations and their objectives.	Introduction to PowerPoint	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
12	2 Hours (1 Theory+1 Practical)	The student will design a professional presentation using visual effects and elements.	PowerPoint – Preparing presentations	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
13	2 Hours (1 Theory+1 Practical)	The student explains the concept of the Internet, e-mail, and the foundations of digital security.	Introduction to Internet and information security	Presentation, explanation, Q& interactive discussion, self-learning.	Written examination
14	2 Hours (1 Theory+1 Practical)	The student should use the Internet to collect and document academic information.	Online scientific research	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports
15	2 Hours (1 Theory+1 Practical)	The student integrates his skills into an integrated application using Office programs.	Review and final applications	Presentation, explanation, Q& interactive discussion, self-learning.	Oral, written and practical daily assessments and scientific reports

3. Course Evaluation

Grade distribution out of 100 according to the tasks assigned to the student, such as daily preparation, daily oral tests, monthly or written exams, reports, etc

4. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Electronic References, Websites	Computer principles and applications - Dr. Abdullah bin Ibrahim Al-Mousa and Dr. Muhammad bin Abdullah Al-Shehri Al-Marikh Publishing House - Riyadh - Kingdom of Saudi Arabia Fifth edition 2020
Electronic references, websites	Suggested electronic references for a computer course (1) GCFGlobal – Computer Basics https://edu.gcfglobal.org/en/computerbasics/



Head of the Scientific Committee

د. دليح عبد الرزاق عبد الله

Head of the Department

د. محمد عزيز