

## MODULE DESCRIPTION FORM

| Module Information                        |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Module Title</b>                       | <b>COMPUTER1</b>                                                                                                                                                                                                                                                  | <b>Module Delivery</b>                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Module Type</b>                        | Basic learning activities                                                                                                                                                                                                                                         | <input type="checkbox"/> Theory<br><input type="checkbox"/> Lecture<br><input checked="" type="checkbox"/> Lab<br><input type="checkbox"/> Tutorial<br><input type="checkbox"/> Practical<br><input type="checkbox"/> Seminar |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Module Code</b>                        | UOM1031                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ECTS Credits</b>                       | 3                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>SWL (hr/sem)</b>                       | 75                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Module Level</b>                       | 1                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Administering Department</b>           | SSWR1969, PLPR1966, HOLA1974,<br>FORE1964, FOSC1965, FICR1973,<br>ANPR1964, AGECE1979, AETT1979,<br>AGME1986                                                                                                                                                      | <b>College</b>                                                                                                                                                                                                                | <b>AGFO1964</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Module Leader</b>                      | Alla Mohamed Abdullah<br>Omar Dheyaa Mohammed<br>Asmaa Mohammed Adil<br>Moyassar Mohammed Aziz<br><b>Nofal Issa Mohamed</b><br>sumyia khalaf Badawi<br>Firas Kadhim Dawoo Aljuboori<br>Khaled Anwer Khaled ALKHALED<br>Talal Saeed Hameed<br>Muzahim Saeed Al-Bek | <b>e-mail</b>                                                                                                                                                                                                                 | <a href="mailto:ala.mohammed58@uomosul.edu.iq">ala.mohammed58@uomosul.edu.iq</a><br><a href="mailto:dr.omaralmallah@uomosul.edu.iq">dr.omaralmallah@uomosul.edu.iq</a><br><a href="mailto:asmaama@uomosul.edu.iq">asmaama@uomosul.edu.iq</a><br><a href="mailto:moyassar_aziz@uomosul.edu.iq">moyassar_aziz@uomosul.edu.iq</a><br><a href="mailto:nofelemh@uomosul.edu.iq">nofelemh@uomosul.edu.iq</a><br><a href="mailto:dr.sumyia_khalf@uomosul.edu.iq">dr.sumyia_khalf@uomosul.edu.iq</a><br><a href="mailto:firasaljuboori@uomosul.edu.iq">firasaljuboori@uomosul.edu.iq</a><br><a href="mailto:khalid.anwar31@uomosul.edu.iq">khalid.anwar31@uomosul.edu.iq</a><br><a href="mailto:stalal1982@uomosul.edu.iq">stalal1982@uomosul.edu.iq</a><br><a href="mailto:muzahim_saeed@uomosul.edu.iq">muzahim_saeed@uomosul.edu.iq</a> |
| <b>Module Leader's Acad. Title</b>        | <b>Professor</b><br>Assistant Professor                                                                                                                                                                                                                           | <b>Module Leader's Qualification</b>                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                           |                                                                                                                                                                                                                                                                   | Ph.D.<br><b>MSc.</b>                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Module Tutor</b>                       | Omar shamil                                                                                                                                                                                                                                                       | <b>e-mail</b>                                                                                                                                                                                                                 | omarshamil@uomosul.edu.iq                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Peer Reviewer Name</b>                 | N.A.                                                                                                                                                                                                                                                              | <b>e-mail</b>                                                                                                                                                                                                                 | N.A.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Scientific Committee Approval Date</b> | 15/10/2024                                                                                                                                                                                                                                                        | <b>Version Number</b>                                                                                                                                                                                                         | 1.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Relation with other Modules |      |          |  |
|-----------------------------|------|----------|--|
| Prerequisite module         | None | Semester |  |
| Co-requisites module        | None | Semester |  |

| Module Aims, Learning Outcomes and Indicative Contents |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Module Objectives                                      | <ol style="list-style-type: none"> <li>1. Introducing students to the basics of computers, including computer components, operating systems, and essential software, as well as providing.</li> <li>2. Teaching students how to collect and analyze data using Excel or statistical analysis software, creating documents with word processors, and developing presentations.</li> <li>3. Enhancing students' online research skills and how to use electronic resources for scientific research.</li> <li>4. Utilizing computer tools to enhance communication and collaboration skills among students, such as using e-mail and online learning platforms.</li> </ol>                    |
| Module Learning Outcomes                               | <p><b>LO#1:</b> Identify and explain the components of a computer and their basic functions.</p> <p><b>LO#2:</b> Analyze agricultural data using Excel and present findings through well-organized documents and presentations.</p> <p><b>LO#3:</b> Evaluate the credibility of online sources when conducting scientific research.</p> <p><b>LO#4:</b> Students should be able to use computer tools to enhance communication with peers, such as e-mail and online learning platforms.</p>                                                                                                                                                                                               |
| Indicative Contents                                    | <p>Indicative content includes the following.</p> <p>An introduction to the computer and its components, with basic operating systems and their interfaces, will be covered. [SSWL=9 hrs]</p> <p>Focus on the practical use of software for data analysis (Excel), presentations (PowerPoint), and basic troubleshooting techniques to resolve common computer issues. [SSWL=24 hrs]</p> <p>The semester also includes an introduction to the Internet, web browsers, networks, and the basics of e-mail, as well as methods for discovering computer errors and ways to fix them. [SSWL=9 hrs]</p> <p>Total hrs = 47 = SSWL - (Exam hrs) = 47 - 2 = 45 hr (Time table hrs x 15 weeks)</p> |

### Learning and Teaching Strategies

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Strategies</b> | <ul style="list-style-type: none"> <li>• <b>Practical Sessions:</b> Provide students with regular lab sessions where they can apply theoretical knowledge directly. Practical exercises such as creating documents, analyzing data using Excel, and troubleshooting common computer problems will enhance skill retention and understanding.</li> <li>• <b>Project-Based Learning:</b> Assign group projects where students must apply the tools learned (e.g., Excel, Word, PowerPoint) to solve real-world agricultural problems. For instance, they can analyze agricultural data and present their findings. This promotes collaboration, critical thinking, and problem-solving.</li> <li>• <b>Blended Learning:</b> Combine in-person teaching with online resources and platforms. Use e-learning tools, such as video tutorials, quizzes, and discussion forums, to provide additional support outside class. Students can learn at their own pace while reinforcing what they learn in the classroom.</li> <li>• <b>Discussion and Peer Learning:</b> Incorporate group discussions and peer review activities. For example, after a practical session, encourage students to present their solutions or projects to the class and give each other feedback. This fosters engagement, critical thinking, and communication skills.</li> </ul> |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Student Workload (SWL)

|                                 |    |                               |      |
|---------------------------------|----|-------------------------------|------|
| <b>Structured SWL (h/sem)</b>   | 47 | <b>Structured SWL (h/w)</b>   | 3    |
| <b>Unstructured SWL (h/sem)</b> | 28 | <b>Unstructured SWL (h/w)</b> | 1.87 |
| <b>Total SWL (h/sem)</b>        | 75 |                               |      |

### Module Evaluation

|                             |                        | Time/Number | Weight (Marks) | Week Due | Relevant Learning Outcome |
|-----------------------------|------------------------|-------------|----------------|----------|---------------------------|
| <b>Formative assessment</b> | <b>Quizzes</b>         | 3           | 10% (10)       | 1,2, 3   | LO #1                     |
|                             | <b>Assignments</b>     | 2           | 10% (10)       | 5 and 11 | LO #1, #2                 |
|                             | <b>Projects / Lab.</b> | 2           | 10% (10)       | 6 and 12 | LO #1, #2                 |

|                             |                     |     |                  |    |           |
|-----------------------------|---------------------|-----|------------------|----|-----------|
|                             | <b>Report</b>       | 1   | 10% (10)         | 14 | LO #3, #4 |
| <b>Summative assessment</b> | <b>Midterm Exam</b> | 2hr | 10% (10)         | 7  | LO #1, #2 |
|                             | <b>Final Exam</b>   | 2hr | 50% (50)         | 16 | All       |
| <b>Total assessment</b>     |                     |     | 100% (100 Marks) |    |           |

| <b>Delivery Plan (Weekly Lab. Syllabus)</b> |                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                             | <b>Material Covered</b>                                                                                                                                                                                                                                                                                                               |
| <b>Week 1</b>                               | Lab 1: <b>Introduction to Computer:</b> Concepts of Hardware and Software with their components; Concept of Computing, Data, and Information; Applications of Information Electronics and Communication Technology (IECT); Connecting input-output devices and peripherals to CPU.                                                    |
| <b>Week 2</b>                               | Lab 2: <b>Computer Components:</b> Computer Portions, Hardware Parts, Memory Types, Basic CPU Components, Computer Ports, Personal Computer, Personal Computer (Features and Types).                                                                                                                                                  |
| <b>Week 3</b>                               | Lab 3: <b>Operating System and Graphical User Interface GUI:</b> Operating System, Basics of Common Operating Systems, The User Interface, Using Mouse Techniques; Use of Common icons, Status Bar, Using Menu and Menu-selection, Concept of Folders and Directories, Opening and closing of different Windows; Creating Short cuts. |
| <b>Week 4</b>                               | Lab 4: <b>Word Processing:</b> Word Processing Basics; Opening and Closing of documents; Text creation and Manipulation; Formatting of text; Table handling: Spell check, language setting, and thesaurus.                                                                                                                            |
| <b>Week 5</b>                               | Lab 5: <b>Editing Documents:</b> Editing an agricultural project idea using Word, using all the program's commands and instructions, and with practical application.                                                                                                                                                                  |
| <b>Week 6</b>                               | Lab 6: <b>Getting Started with Excel:</b> Formatting a Worksheet, Working with Formulas and Functions, Working with Charts.                                                                                                                                                                                                           |
| <b>Week 7</b>                               | <b>Midterm Exam</b>                                                                                                                                                                                                                                                                                                                   |
| <b>Week 8</b>                               | Lab 8: <b>Spread Sheet:</b> Basics of Spreadsheet; Manipulation of cells, Formulas and Functions; Editing of Spread Sheet, printing of Spread Sheet.                                                                                                                                                                                  |

| Delivery Plan (Weekly Lab. Syllabus) |                                                                                                                                                                                                                                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      | Material Covered                                                                                                                                                                                                                                                        |
| <b>Week 9</b>                        | Lab 9: <b>Excel Program in Statistical Analysis:</b> Collecting Agricultural Data, Organizing Data in Excel, Basic Functions in Statistical Analysis, Creating Graphs and Charts, How to Read Statistical Results, Understandably Presenting Results.                   |
| <b>Week 10</b>                       | Lab 10: Practical Example of Analyzing Agricultural Data Using Excel.                                                                                                                                                                                                   |
| <b>Week 11</b>                       | Lab 11: <b>Presentation Software:</b> Basics of presentation software; Creating Presentation; Preparation and Presentation of Slides; Slide Show; Taking printouts of presentation/ handouts.                                                                           |
| <b>Week 12</b>                       | Lab 12: Create a presentation of an agricultural project idea using PowerPoint, all the program's commands and instructions, and with practical application.                                                                                                            |
| <b>Week 13</b>                       | Lab 13: <b>Introduction to Internet and web browsers:</b> Basic computer networks, LAN, WAN, Concept of Internet and its applications, connecting to the Internet, world wide web, web browsing software, search engines, understanding URL, Domain name, IP AddressIP. |
| <b>Week 14</b>                       | Lab 14: <b>Communication and E-mails:</b> Basics of electronic mail, getting an e-mail account, sending and receiving e-mails, accessing sent e-mails, using e-mails, and document collaboration.                                                                       |
| <b>Week 15</b>                       | Lab 15: <b>Computer Troubleshooting:</b> Identifying and solving common hardware and software problems that computer users encounter. Basic troubleshooting techniques and tools for diagnosing and resolving issues.                                                   |

| Learning and Teaching Resources |                                                                                                                                                                                           |                           |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
|                                 | Text                                                                                                                                                                                      | Available in the Library? |
| <b>Required Texts</b>           | اساسيات الحاسوب وتطبيقاته المكتبية، وزارة التعليم العالي والبحث العلمي،<br>2013.                                                                                                          | Yes                       |
| <b>Recommended Texts</b>        | N.A.                                                                                                                                                                                      | -                         |
| <b>Websites</b>                 | <ul style="list-style-type: none"> <li><a href="https://www.dawliatraining.com/training-packages-single/1025">https://www.dawliatraining.com/training-packages-single/1025</a></li> </ul> |                           |

- [https://edu.gcfglobal.org/en/tr\\_ar-misc/what-is-a-computer-/1/](https://edu.gcfglobal.org/en/tr_ar-misc/what-is-a-computer-/1/)  
<https://www.edraak.org/programs/course-v1:Edraak+ICDL1+2019SP/>

| Grading Scheme                                                                                                                                                                                                                                                                                                                                                                        |                  |                     |          |                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------|----------|------------------------------------------|
| مخطط الدرجات                                                                                                                                                                                                                                                                                                                                                                          |                  |                     |          |                                          |
| Group                                                                                                                                                                                                                                                                                                                                                                                 | Grade            | التقدير             | Marks %  | Definition                               |
| <b>Success Group</b><br>(50 - 100)                                                                                                                                                                                                                                                                                                                                                    | A - Excellent    | امتياز              | 90 - 100 | Outstanding Performance                  |
|                                                                                                                                                                                                                                                                                                                                                                                       | B - Very Good    | جيد جدا             | 80 - 89  | Above average with some errors           |
|                                                                                                                                                                                                                                                                                                                                                                                       | C - Good         | جيد                 | 70 - 79  | Sound work with notable errors           |
|                                                                                                                                                                                                                                                                                                                                                                                       | D - Satisfactory | متوسط               | 60 - 69  | Fair but with major shortcomings         |
|                                                                                                                                                                                                                                                                                                                                                                                       | E - Sufficient   | مقبول               | 50 - 59  | Work meets minimum criteria              |
| <b>Fail Group</b><br>(0 – 49)                                                                                                                                                                                                                                                                                                                                                         | FX – Fail        | راسب (قيد المعالجة) | (45-49)  | More work is required but credit awarded |
|                                                                                                                                                                                                                                                                                                                                                                                       | F – Fail         | راسب                | (0-44)   | Considerable amount of work required     |
|                                                                                                                                                                                                                                                                                                                                                                                       |                  |                     |          |                                          |
| <b>Note:</b> Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example, a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above. |                  |                     |          |                                          |



  
الدكتور  
كامل داود الجبوري  
رئيس قسم وقاية النباتات



  
أ.د. هادي السعيد  
رئيس اللجنة العلمية

