

## Course Description Form

| 1. Course Name:  |   |                            |                          |                       |                                   |
|--|---|----------------------------|--------------------------|-----------------------|-----------------------------------|
| Computer Science 2   |   |                            |                          |                       |                                   |
| 2. Course Code:  |   |                            |                          |                       |                                   |
| Phcls24 ll2  |   |                            |                          |                       |                                   |
| 3. Semester / Year:  |   |                            |                          |                       |                                   |
| 2 <sup>nd</sup> Semester/ 1 <sup>st</sup> year   |   |                            |                          |                       |                                   |
| 4. Description Preparation Date:   |   |                            |                          |                       |                                   |
| 1/11/2024  |   |                            |                          |                       |                                   |
| 5. Available Attendance Forms:   |   |                            |                          |                       |                                   |
| Students' signature on attendance sheet  |   |                            |                          |                       |                                   |
| 6. Number of Credit Hours (Total) / Number of Units (Total)  |   |                            |                          |                       |                                   |
| 2 hours (30)/1unit   |   |                            |                          |                       |                                   |
| 7. Course administrator's name   |   |                            |                          |                       |                                   |
| <p>Name: Lecturer Dr. Safaa Mohammed Zeki</p> <p>Email: <a href="mailto:safaanawny@uomosul.edu.iq">safaanawny@uomosul.edu.iq</a></p> <p>Name: Assist. Lecturer Ghassan Ahmad Ismaeel</p> <p>Email: <a href="mailto:ghassanaldabbagh@uomosul.edu.iq">ghassanaldabbagh@uomosul.edu.iq</a></p> <p>Name: Assist. Lecturer Ali Salim</p> <p>Email: <a href="mailto:alisalim@uomosul.edu.iq">alisalim@uomosul.edu.iq</a></p> |   |                            |                          |                       |                                   |
| 8. Course Objectives   |   |                            |                          |                       |                                   |
| <b>Course Objectives</b>   | <p>Give the students the most important information about computers and their uses. The students will learn and appreciate computer skills as well as the most important software (programs) used on the PC. Furthermore, learning the hardware and physical components that make up a computer system is crucial. However, the numeral systems show the way to represent or express numbers.</p> |                            |                          |                       |                                   |
| 9. Teaching and Learning Strategies  |   |                            |                          |                       |                                   |
| <b>Strategy</b>  | <p>Quizzes, practical and theoretical examinations</p>  |                            |                          |                       |                                   |
| 10. Course Structure   |   |                            |                          |                       |                                   |
| Week   | Hours   | Required Learning Outcomes | Unit or subject name     | Learning method       | Evaluation method                 |
| 1  | 2   | Microsoft PowerPoint (3)   | Microsoft PowerPoint (3) | Practical application | Practical-based Exams and quizzes |
| 2  | 2   | Tutorial                   |                          |                       |                                   |
| 3  | 2   | Microsoft Excel (1)        | Microsoft Excel (1)      | Practical application | Practical-based Exams and quizzes |
| 4  | 2   | Tutorial                   |                          |                       |                                   |
| 5  | 2   | Microsoft Excel (2)        | Microsoft Excel (2)      | Practical application | Practical-based Exams and quizzes |
| 6  | 2   | Tutorial                   |                          |                       |                                   |

|   |   |                                |  |                       |                                   |
|---|---|--------------------------------|--|-----------------------|-----------------------------------|
| 7   | 2 | Microsoft Excel (3)            | Microsoft Excel (3)  | Practical application | Practical-based Exams and quizzes |
| 8   | 2 | Tutorial                       |  |                       |                                   |
| 9   | 2 | Microsoft Excel (4)            | Microsoft Excel (4)  | Practical application | Practical-based Exams and quizzes |
| 10  | 2 | Tutorial                       |  |                       |                                   |
| 11  | 2 | Introduction to statistics (1) | Introduction to statistics (1)   | Practical application | Practical-based Exams and quizzes |
| 12  | 2 | Tutorial                       |  |                       |                                   |
| 13  | 2 | Statistics (2)                 | Statistics (2)   | Practical application | Practical-based Exams and quizzes |
| 14  | 2 | Statistics (3)                 | Statistics (3)   | Practical application | Practical-based Exams and quizzes |
| 15  | 2 | Tutorial                       |  |                       |                                   |
| 11. Course Evaluation   |   |                                |  |                       |                                   |
| <ul style="list-style-type: none"><li>• 40 M practical assessment (attendance + quizzes + practice)</li><li>• 60 M paper-based theoretical final exam</li></ul> <hr/> <ul style="list-style-type: none"><li>• 100 M total</li></ul> |   |                                |  |                       |                                   |
| 12. Learning and Teaching Resources   |   |                                |  |                       |                                   |
| Required textbooks (curricular books)   |   |                                | Computer Science Textbook 8 Windows 10 & MS Office 2016<br>by Content Team Orange (Author) |                       |                                   |
| Main references (sources)   |   |                                | Lab. Manual for Practical Computer Science<br>adopted by the department.                   |                       |                                   |
| Recommended books and references (scientific journals, reports...)  |   |                                | الحاسوب والبرمجيات الجاهزة، د. محمد بلال الزعبي، د. احمد الشرايعة، الجامعة الاردنية، 2008  |                       |                                   |
| Electronic References, Websites   |   |                                | YouTube  |                       |                                   |