

## Course Description Form

|                                                                         |                                                                                                 |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 1. Course Name:                                                         |                                                                                                 |
| Computer Science                                                        |                                                                                                 |
| 2. Course Code:                                                         |                                                                                                 |
|                                                                         |                                                                                                 |
| 3. Semester / Year:                                                     |                                                                                                 |
| Semester                                                                |                                                                                                 |
| 4. Description Preparation Date:                                        |                                                                                                 |
| 14/April/2024                                                           |                                                                                                 |
| 5. Available Attendance Forms:                                          |                                                                                                 |
| Only Attendance                                                         |                                                                                                 |
| 6. Number of Credit Hours (Total) / Number of Units (Total)             |                                                                                                 |
| 5hours per week/75 hours per semester                                   |                                                                                                 |
| 7. Course administrator's name (mention all, if more than one name)     |                                                                                                 |
| Name: Mohammed A. Hussain Iglah<br>Email:eng.mohanned92@sci.utq.edu.iq  |                                                                                                 |
| 8. Course Objectives                                                    |                                                                                                 |
| For teaching students the principles of<br>Computer, hardware, Software | <ul style="list-style-type: none"> <li>● .....</li> <li>● .....</li> <li>● .....</li> </ul>     |
| 9. Teaching and Learning Strategies                                     |                                                                                                 |
| <b>Strategy</b>                                                         | 1- Strategy 1: Collaborative Planning<br>2- Strategy 2: Brainstorming<br>3- Strategy 3: Remarks |

| 10. Course Structure                                                                                                                                                   |       |                                                                                  |                                                                                                                               |                                                                        |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------|
| Wee<br>k                                                                                                                                                               | Hours | Required<br>Learning<br>Outcomes                                                 | Unit or subject name                                                                                                          | Learning<br>method                                                     | Evaluation<br>method                                                 |
| 1                                                                                                                                                                      | 5h    | To be able<br>use computer<br>In profession<br>Way and<br>Know about<br>Hardware | History of Computer                                                                                                           | Text Lec.<br>Video Lec.<br>Questions<br>Real Examp<br>of daily<br>Life | Quizzes<br>Home works<br>Class works<br>Daily Exams<br>Monthly Exams |
| 2                                                                                                                                                                      | 5h    |                                                                                  | Introduction of Hardware and Software                                                                                         |                                                                        |                                                                      |
| 3                                                                                                                                                                      | 5h    |                                                                                  | Parts of Computers                                                                                                            |                                                                        |                                                                      |
| 4                                                                                                                                                                      | 5h    |                                                                                  | Input Units, Mother Board & CPU                                                                                               |                                                                        |                                                                      |
| 5                                                                                                                                                                      | 5h    |                                                                                  | Output Units                                                                                                                  |                                                                        |                                                                      |
| 6                                                                                                                                                                      | 5h    |                                                                                  | Memory Card                                                                                                                   |                                                                        |                                                                      |
| 7                                                                                                                                                                      | 5h    |                                                                                  | Binary System                                                                                                                 |                                                                        |                                                                      |
| 8                                                                                                                                                                      | 5h    |                                                                                  | Overview about Operating System                                                                                               |                                                                        |                                                                      |
| 9                                                                                                                                                                      | 5h    |                                                                                  | DOS and Windows                                                                                                               |                                                                        |                                                                      |
| 10                                                                                                                                                                     | 5h    |                                                                                  | Windows 7: Desktop                                                                                                            |                                                                        |                                                                      |
| 11                                                                                                                                                                     | 5h    |                                                                                  | Folders, Copying, cutting, Renaming & The Properties                                                                          |                                                                        |                                                                      |
| 12                                                                                                                                                                     | 5h    |                                                                                  | Types of Files                                                                                                                |                                                                        |                                                                      |
| 13                                                                                                                                                                     | 5h    |                                                                                  | MS Office Word                                                                                                                |                                                                        |                                                                      |
| 14                                                                                                                                                                     | 5h    |                                                                                  | MS Office PowerPoint                                                                                                          |                                                                        |                                                                      |
| 15                                                                                                                                                                     | 5h    |                                                                                  | MS Office Excel                                                                                                               |                                                                        |                                                                      |
| 11. Course Evaluation                                                                                                                                                  |       |                                                                                  |                                                                                                                               |                                                                        |                                                                      |
| Sum of the marks of Quizzes, Home works, Class works and daily and monthly Exams of 35 marks plus 15 marks of lab. , Theoretical and practical Final Exam of 50 marks. |       |                                                                                  |                                                                                                                               |                                                                        |                                                                      |
| 12. Learning and Teaching Resources                                                                                                                                    |       |                                                                                  |                                                                                                                               |                                                                        |                                                                      |
| Required textbooks (curricular books, if any)                                                                                                                          |       |                                                                                  | Professional in Computer Principles By eng. Mautasam Mohammed Al-Noor-International Union Center for Computer Professionalism |                                                                        |                                                                      |
| Main references (sources)                                                                                                                                              |       |                                                                                  | Windows 7 By Mohammed Malik Mohammed                                                                                          |                                                                        |                                                                      |
| Recommended books and references (scientific journals, reports...)                                                                                                     |       |                                                                                  | Windows 7 By Mohammed Malik Mohammed                                                                                          |                                                                        |                                                                      |
| Electronic References, Websites                                                                                                                                        |       |                                                                                  | Various Links                                                                                                                 |                                                                        |                                                                      |

