**Course Specification**

 **(**IS 460 Software Documentation**)**

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| **University:** | Helwan University |
| **Faculty:** | Faculty of Computers & Information |
| **Department:** | Information systems |

**1. Course Data**

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| **Code:** | **IS** 4**60** |
| **Course title:** | Software Documentation |
| **Level:** |  |
| **Specialization:** | SW |
| **Credit hours:** | 3 hours |
| **Number of learning units (hours):**  | ( 3) theoretical ( ) practical |

**2. Course Objective**

**3. Intended Learning Outcomes:**

**Knowledge and Understanding**

1. A16. Elaborate tools for software engineering production and engineering.

**B. Intellectual Skills**

B3. Model problems using software engineering techniques.

B16. Estimate the quality and reliability of software systems.

B19. Perform requirement specifications.

B21. Summarize and document different Solutions.

**C. Professional and Practical Skills**

C12. Prepare technical materials.

**D. General and Transferable Skills**

D1. Work efficiently in a team.

D7. Search for information and learn independently.

**4. Course contents**

**Mapping contents to ILOs**

**5. Teaching and Learning Methods**

Lectures

Exercises

Case Studies

**6. Teaching and Learning Methods for students with limited capability**

Using data show

e-learning management tools

**7. Students Evaluation**

**a) Used Methods**

Written Exams to assess Concepts related to Operations research and Papers on case studies shall be submitted by the students during this course.

**b) Time**

Assessment 1: Test1 Week 4

Assessment 2: Test 2 Week 7

Assessment 3: Midterm exam Week 10

Assessment 4: final written exam Week 14

**c) Grades Distribution**

Mid-Term Examination 20%

Final-term Examination 60%

Other types of assessment 20 %

 Total 100%

Any formative only assessments

**List of Books and References**

**a) Notes**

Course Notes

**b) Mandatory Books**

**c) Suggested Books**

**d) Other publications**

**Course Coordinator:**

**Chairman of the Department:**