**Course Specification**

**(**IT 498 Project**)**

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

**1. Course Data**

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| --- | --- |
| **Code:** |  **IT 498**  |
| **Course title:** | Project |
| **Level:** | 3 |
| **Specialization:** | Information Technology |
| **Credit hours:** | 3 hours |
| **Number of learning units (hours):**  | ( 3) theoretical () practical |

**2. Course Objective**

**3. Intended Learning Outcomes:**

1. **Knowledge and Understanding:**

A15. Describe tools for developing applications.

1. **Intellectual Skills**

B1. Differentiate IT problems.

B3. Devise a solution for IT problems.

B6. Summarize IT Solutions.

B7. Reconstruct results analysis.

B13. Perform problem analysis.

B18. Perform Creative Thinking.

B22. Negotiate advanced technologies.

B23. Formulate and implement IT systems.

1. **Professional and Practical Skills**

C5. Deploy tools for systems documentations.

C6. Used to Work in a team.

C12. Deploy Investigative skills.

C14. Plan and manage a project.

C16. Perform self-learning.

C17. Plan for continuing professional development.

C18. Prepare reports.

1. **General and Transferable Skills**

D1. Practice Communication skills in English.

D2. Practice Independent learning.

D11. Show Ideas formulation and presentation.

D14. Support Engineering skills.

**4. Course contents**

Determined by the supervisor of the project

 **Mapping contents to ILOs**

This mapping is dependant on the topic of the project

**5. Teaching and Learning Methods**

**-** Class Lectures

- Paper readings

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

* Using data show
* e-learning management tools

**7. Students Evaluation**

1. **Used Methods**
* Written Exams
* Assignments.
1. **Time**

Assessment 1: Test 1 Week 4

Assessment 2: Test 2 Week 7

Assessment 3: Midterm Exam Week 10

Assessment 5: final written exam Week 16

1. **Grades Distribution**

Mid-term Examination 20 %

Final-Year Examination 60 %

Semester Work 20 %

 Total 100%

Any formative only assessments

**List of Books and References**

**a) Notes**

* Course Notes
* Handouts

**b) Mandatory Books**

**c) Suggested Books**

**d) Other publications**

 - Periodicals, Web Sites … etc

**Course Coordinator: All the department stuff**

**Chairman of the Department: Prof. Dr.**