**Course Specification**

(IS 495 Selected Topics in Information Systems III)

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

**1. Course Data**

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| **Code:** | **IS 495** |
| **Course title:** | Selected topics in information systemsIII |
| **Level:** | 4 |
| **Specialization:** | Information systems |
| **Credit hours:** | 3 hours |
| **Number of learning units (hours):** | (3) theoretical ( ) practical |

**2. Course Objective**

**3. Intended Learning Outcomes:**

1. **Knowledge and Understanding**

A9. Apply the Problem Solving Techniques.

A19. Discuss new trends in IS.

A29. Clarify advanced topics in Information engineering.

1. **Intellectual Skills**

B14. Develop the act of getting people together to accomplish desired goals and objectives (Management skills).

B16. Work effectively, independently or as a part of a team.

B17. Examine problems carefully and effectively.

B21. Develop innovative designs.

1. **Professional and Practical Skills**

C4. Develop special types of Information Systems.

C10. Deploy Communication Skills.

C16. Plan different management techniques.

1. **General and Transferable Skills**

D1. Practice Communication skills in English.

D2. Practice Team working skills.

D8. Practice essays, reports and presentations preparation

**4. Course contents**

Determined by the department

**Mapping contents to ILOs**

Determined by the department

**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**

**a) Used Methods**

Written Exams

Assignments

**b) 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

**c) 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**

**Course Coordinator:**  Dr. Maha Ateya

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