**Course Specification**

**(HU 332:** Creative Thinking**)**

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| **University:** | Helwan University |
| **Faculty:** | Faculty of Computers & Information |
| **Department:** | Computer science |

**1. Course Data**

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| --- | --- |
| **Code:** | HU 332 |
| **Course title:** | Creative Thinking |
| **Level:** | 1 |
| **Specialization:** | General |
| **Credit hours:** | 3 hours |
| **Number of learning units (hours):**  | (2) theoretical |

**2. Course Objective**

**3. Intended Learning Outcomes:**

**A- Knowledge and Understanding**

**B- Intellectual Skills**

B18. Devise a solution to practical problems.

**C-Professional and Practical Skills**

C10. Deploy Communication Skills.

C16. Plan different management techniques.

**D- General and Transferable Skills**

D7. Practice Learning and working both independently and in groups.

D9. Follow Logical Thinking in real time problem solving.

**4. Course contents**

**Mapping contents to ILOs**

**5. Teaching and Learning Methods**

4.1. Lectures and classes for concepts, principles and knowledge acquisition.

4.2. Tutorials, group discussion and team work for project work.

4.3. Library and internet materials for independent learning or research assignments.

4.4. Office consultation for academic advisory and guidance.

4.5. Written or oral feedback

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

 Using data show

 e-learning management tools

**7. Students Evaluation**

**a) Used Methods**

5.1. Written exams; quizzes and literature review to assess knowledge and understanding.

5.2. Written exams and coursework assignments

5.3. Internet and library search exercises; assignments; a literature review and oral presentations to assess professional and practical skills.

5.4. Coursework assignments; task-based exercises; a literature review; and oral presentations to assess general and transferable skills.

**b) Time**

Assessment 1: Test 1 Week 4

Assessment 2: Test 2 Week 7

Assessment 3: Midterm Exam Week 10

Assessment 4: project ---

Assessment 5: final written exam Week 14

**c) Grades Distribution**

Mid-term Examination 20 %

Final-Year Examination 60 %

Semester Work 20 %

Project 0%

 Total 100%

Any formative only assessments

**List of Books and References**

**a) Notes**

Course Notes

- Handouts

**b) Mandatory Books**

 **Title:**

 **Author(s)**:

 **Publisher**:

 **ISBN:**

**c) Suggested Books**

**d) Other publications**