**Course Specification**

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

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

**1. Course Data**

|  |  |
| --- | --- |
| **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**

**C-Professional and Practical Skills**

C4. Analyze data.

**D- General and Transferable Skills**

D1. Work efficiently in a team.

D9. Demonstrate critical thinking.

D10. Show analytical thinking and the ability to solve problems.

**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**

**Course Coordinator:**

**Chairman of the Department:**

**Course Specification**

**(HU 331:** Communication & Negotiation Skills**)**

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

**1. Course Data**

|  |  |
| --- | --- |
| **Code:** | HU 331 |
| **Course title:** | Communication & Negotiation Skills |
| **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**

1. **Intellectual Skills**
2. **Professional and Practical Skills**

C12. Prepare technical materials

**D- General and Transferable Skills**

D1. Work efficiently in a team.

**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**

**Course Coordinator:**

**Chairman of the Department:**