# MODULE DESCRIPTION FORM

# نموذج وصف المادة الدراسية

| Module Information<br>معلومات المادة الدراسية | | | | | |
|---|---|---|---|---|---|
| **Module Title** | **Professional Ethics** | | | **Module Delivery** | |
| **Module Type** | **Supportive** | | | ☒ **Lecture** | |
| **Module Code** | **IT2106** | | | | |
| **ECTS Credits** | **2** | | | | |
| **SWL (hr/sem)** | 50 | | | | |
| **Module Level** | UGII | | **Semester of Delivery** | 1 | |
| **Administering Department** | Information Technology | | **College** | College of Computer Science and Information Technology | |
| **Module Leader** | Ahssan Ahmed Mohammed Lehmoud | | **e-mail** | ahsan@uowa.edu.iq | |
| **Module Leader's Acad. Title** | .Assistant Prof | | **Module Leader's Qualification** | **MSc** | |
| **Module Tutor** | Ahssan Ahmed Mohammed Lehmoud | | **e-mail** | ahsan@uowa.edu.iq | |
| **Peer Reviewer Name** | Asst. Prof. Dr Haider Mohammed | | **e-mail** | hayder.alghanami@uowa.edu.iq | |
| **Scientific Committee Approval Date** | 01/09/2026 | | **Version Number** | V1 | |

| Relation with other Modules<br>العلاقة مع المواد الدراسية الأخرى | | | |
|---|---|---|---|
| **Prerequisite module** | None | **Semester** | None |
| **Co-requisites module** | None | **Semester** | None |

**Department Head Approval** **Dean of the College Approval**

| Module Aims, Learning Outcomes and Indicative Contents | |
|---|---|
| **Module Aims** | This module aims to provide students with a comprehensive understanding of computer ethics and the social and ethical considerations associated with the world of information technology. It focuses on developing the necessary skills to analyze problems, research current ethical issues in information systems and the Internet, and apply ethical principles and best practices in the field of information technology. By the end of the module, students should be able to identify ethical challenges and make informed decisions to address them, utilizing modern, ethical, and socially responsible approaches to promote positive outcomes and mitigate potential risks. |
| **Module Learning Outcomes** | 1. The ability to identify computer ethics and social and ethical issues to be followed in the world of information technology.<br>2. The ability to analyze problems and determine the means required for a solution.<br>3. The ability to research and study the latest findings of the world in the field of ethics of information systems and the Internet, which is of great importance in our world today and in our private and public societies.<br>4. Understanding the procedures supporting computer ethics, trying to apply them, and finding the best solutions for them.<br>5. The ability to apply the best modern, ethical, and social ways in the field of information technology, benefit from the positive aspects, and avoid the negative matters and problems that constitute the most dangerous currents for all humanity. |
| **Indicative Contents** | Indicative content includes the following.<br>1. Demonstrate knowledge of current models of information and computer ethics.<br>2. Apply ethical theories to interpret personal and group when using a variety of information technology tools.<br>3. Evaluate the nature of ethical choices made by self and others when serving various roles that expose social and multicultural differences.<br>4. Construct written arguments in a variety of formats on the evolving nature of ethical norms relating to new technologies.<br>5. Prepare and deliver an oral presentation for a user audience.<br>6. Prepare and deliver an oral presentation for a management audience.<br>7. Write a technical memo to management.<br>8. Create user documentation for an IT system.<br>9. Create a set of technical requirements for an IT system.<br>10. Compare and contrast technical writing and expository writing. |

| Learning and Teaching Strategies | |
|---|---|
| **Strategies** | The learning and teaching strategies for studying the Professional Ethics subject in the IT department involve:<br>✔ Lectures.<br>✔ Interactive discussion.<br>✔ Assessments which include individual assignments, quizzes, and examinations.<br>✔ Provide the necessary theoretical foundation.<br>✔ Online resources, and feedback aid in reinforcing learning for humans, like expressing their own values, exploring, with empathy, the values of others, critically analyse values and actions based on them, discussing disagreements that arise from differences in values, and negotiate solutions, make ethical decisions, and act on them. These strategies ensure a comprehensive understanding of Professional Ethics and its relevance in the IT field. |

| Student Workload (SWL) | | | |
|---|---|---|---|
| **Structured SWL (h/sem)** | 30 | **Structured SWL (h/w)** | 2 |
| **Unstructured SWL (h/sem)** | 17 | **Unstructured SWL (h/w)** | 1.2 |
| **Total SWL (h/sem)** | 47 + 3 final = 50 | | |

| Module Evaluation | | | | | |
|---|---|---|---|---|---|
| | | **Time/Number** | **Weight (Marks)** | **Week Due** | **Relevant Learning Outcome** |
| **Formative assessment** | **Quizzes** | 3 | 4 (12%) | 6,8,10 | All |
| | **Onsite Assignments** | 4 | 2 ( 8%) | 4,6,8,12 | All |
| | **H.W** | 4 | 3 (12%) | 3,5,10,12 | All |
| | **Report** | 1 | 8 (8%) | 12 | All |
| **Summative assessment** | **Midterm Exam** | 2hr | 10% (10) | 5,11 | |
| | **Final Exam** | 3hr | 50% (50) | 16 | |
| **Total assessment** | | | 100% (100 Marks) | | |

| Delivery Plan (Weekly Syllabus) | |
|---|---|
| | **Material Covered** |
| **Week 1** | General Introduction to the field of computer and information ethics.<br>Explain the History as the information age and The philosophy of information |
| **Week 2** | Computer Ethics and Information Ethics. |
| **Week 3** | Explain the Classical Computer ethics theory and Computer ethics with new challenges. |
| **Week 4** | Ethical issues in Information Technology. |
| **Week 5** | Explain the Ethical issues in Information Technology, why it is important in information technology?, Rights and computer ethics. |
| **Week 6** | Ethical issues in Information Technology.<br>Personal values and computer ethics, Different Views on Ethical Behaviour. |
| **Week 7** | Ethics and the Professions.<br>Explain the Origins of Professions, Professional requirements, a professional behaves. ethically, Professionalism in Information Technology. |
| **Week 8** | IT Professionals.<br>Explain what is IT Professionals, Why IT professionalism is needed and why is it important? |
| **Week 9** | Explain the Role of Ethics and Professionalism in IT, the Professional and non-Professional. |
| **Week 10** | Ethics for IT Workers and IT Users.<br>Discuss IT Professional and IT Users. |
| **Week 11** | Intellectual property crime<br>Intellectual Property Rights and Computer Technology, Infringement. |
| **Week 12** | The Ownership.<br>Explain the politics of ownership. |
| **Week 13** | Software Development<br>Explain the Software Product Liability, Key Issues in software development |
| **Week 14** | Software Development Challenges.<br>Explain the Challenges in Software Development, Challenges of Software Product Developer. |
| **Week 15** | Computer Security.<br>Explain computer and Internet Crime, Define Hacking and Hacktivism. |
| **Week 16** | **Preparatory week before the Final Exam** |

## Learning and Teaching Resources

| | Text | Available in the Library? |
|---|---|---|
| **Required Texts** | Ethics in Information Technology; Reynolds, George, ASIN, 1337405876; Publisher, Cengage Learning; 6th edition (January 1, 2018); Language, English; Paperback, 480 pages. | |
| **Recommended Texts** | Ethical and Social Issues in the Information Age by Joseph Migga Kizza | |
| **Websites** | | |

## Grading Scheme

| Group | Grade | Mark | Marks (%) | Definition |
|---|---|---|---|---|
| **Success Group (50 - 100)** | **A -** Excellent | Excellent | 90 - 100 | Outstanding Performance |
| | **B -** Very Good | Very Good | 80 - 89 | Above average with some errors |
| | **C -** Good | Good | 70 - 79 | Sound work with notable errors |
| | **D -** Satisfactory | Fair / Average | 60 - 69 | Fair but with major shortcomings |
| | **E -** Sufficient | Pass / Acceptable | 50 - 59 | Work meets minimum criteria |
| **Fail Group (0 – 49)** | **FX –** Fail | Fail (Pending) | (45-49) | More work required but credit awarded |
| | **F –** Fail | Fail | (0-44) | Considerable amount of work required |
| | | | | |

**Note:** Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.