



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Computer Ethics
2	Course number	1904345
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	Fundamentals of Information Technology- (1903101)
5	Program title	Business Information Technology
6	Program code	04
7	Awarding institution	The University of Jordan
8	Faculty	King Abdullah II for Information Technology
9	Department	Department of Business Information Technology
10	Level of course	Bachelor
11	Year of study and semester (s)	2nd Year, 1 st Semester
12	Final Qualification	
13	Other department (s) involved in teaching the course	_____
14	Language of Instruction	English
15	Date of production/revision	Fall 2022-2023
16	Required/ Elective	Elective

16. Course Coordinator:

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17. Other instructors:

No Other Instructors teach the course

18. Course Description:

<p>This course considers the ethical issues that arise as a result of increasing use of computers, and the responsibilities of those who work with computers, The course materials includes technical issues in using computer science and focus on a particular area such as software design as well as more traditional topics such as philosophical theories (e.g. utilitarianism, deontological theories, and rights), privacy, intellectual property rights , freedom of speech and liability hacking, viruses, computer crime, and employee surveillance.</p>

19. Course aims and outcomes:**A- Aims:**

This course aims to provide the students the knowledge about the ethical issues that arise as a result of increasing use of computers, and the responsibilities of those who work with computers, The course materials includes technical issues in using computer science and focus on a particular area such as software design as well as more traditional topics such as philosophical theories (e.g. utilitarianism, deontological theories, and rights), privacy, intellectual property rights , freedom of speech and liability hacking, viruses, computer crime, and employee surveillance.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ... **S03 + S04 + S06**

1-Understand the basic concepts of ethics.

2-Understand the contribution of ethics in security and privacy of IS.

3-Be aware of the technology used in the security of IS and regulations related to its implementation.

4-Describe the different methods of applying laws and regulations.

5-Develop ideas appropriate for analysis and problem solving.

6-Theoretical build up of parts of ethics needed for an organizational IS.

7- analyze IT related ethical problems and to arrive at appropriate decisions

8-Apply concepts of computer ethics in organizational settings.

9-Deal with practical problems as related to ethical, political and social issues.

10-Integrate elements of problem and its solution in different settings.

11-Discuss failures of proposed solutions to different problem situations.

12-Establish competencies of technical and operations management related to ethical, Political and social issues.

13-Discuss designing and developing code of ethics.

14-Analyze ways of arriving at solutions related to IT ethical problems.

15-Participate in discussions and evaluate success and failure of solutions and cases.

20. Topic Outline and Schedule:

1.

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Unwrapping the Gift	W1, W2		1,4,9	Exam	
Privacy and Personal Information	W2, W3		2,5,7,9	Exam	
Freedom of Speech in Cyberspace	W4, W5		3,9,15	Exam	
Intellectual Property	W6, W7		3,4,5,8	Exam	
Computer Crime	W7, W8		3,,7,8	Exam	
Computers and Work	W9, W10		3,5,8	Exam	
Evaluating and Controlling Technology	W10, W11		3,5,10,11	Exam	

Errors, Failures, and Risks	W12, W13		3,9,10,11	Exam	
Professional Ethics and Responsibilities	W13, W14, W15		3,6,8,9,12	Exam	

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:
Assessments, lab, presentations, case study and discussions

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Midterm exam ,quizzes and Final Exam

23. Course Policies:

A- Attendance policies:

Maximum allowable absence 15% of number of lectures per semester

B- Absences from exams and handing in assignments on time:

Every student is expected to completely adhere to the exams dates and projects strict deadlines, absolutely no exceptions will be given

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehavior:

Every student is expected to work on his own assignments on his own, any detected plagiarized sections/parts will cause the student to fail the course immediately, and his case will be reported to the department chair to take an academic action.

E- Grading policy:

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| 1. Mid-Term Examination | 30% |
| 2. Participation/Assignments/Quizzes | 30% |
| 3. Final Examination | <u>40%</u> |

Total:100%

F- Available university services that support achievement in the course:

24. Required equipment:

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25. References:

A- Required book (s), assigned reading and audio-visuals:

Baase, Sara ,A Gift of Fire: Social, Legal, and Ethical Issues for Computing and the Internet, 4th ed, Prentice-Hall, ISBN: 0130082155

B- Recommended books, materials, and media:

-Deborah G. Johnson, Computer Ethics (4th Edition),Pearson, ISBN: 0131112414

2-Mike Quinn ,Ethics for the Information Age (5th Edition), Pearson education ISBN: 0132855534

3-George Reynolds ,Ethics in Information Technology 5TH EDITION , Cengage Learning,ISBN-10: 1285197151

4-Bowyer, Kevin (2000). Ethics and Computing: Living responsibly in a computerized world, 2nd ed, Wiley-IEEE Press, ISBN: 0780360192.

5-George, Joey F, (Editor) (2003). Computers in Society: Privacy, Ethics and the Internet, Pearson education, ISBN: 0131406604.

26. Additional information:

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Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

Head of Department

Assistant Dean for Quality Assurance

Course File