Princess Sumaya University for Technology
The King Hussein School of Computing Sciences
Computer Science Department

Course Syllabus – Spring Semester 2023/2024
CS11449 Computer & Society

1. Course Information

Catalog Description	This course aims to discuss the social impacts of computing technology. Topics: The course will provide an introduction to social, ethical, and legal issues of computing. The topics will focus on several areas in which computers and information technology are having an impact on society including privacy, freedom of speech, and intellectual property. Current issues that will be discussed include intellectual property issues associated with digital content distribution, computer crime, internet addiction, internet privacy, and hacking and security breaches. During this course, students will present seminars related to the course's topics. At the end of this course, students are expected to be able to explain the impact of information technology on society.
Course Level in Jordan National Qualifications Framework - JNQF	7
Credit Hours	1
Number of ECTS credits	2
Prerequisite	Completed 90 hours
Course Type	Theoretical
Attendance Mode	Face to face
Required/Elective	Required
Textbook	A Gift of Fire: Social, Legal and Ethical Issues for Computing Technology, Sara Baase, Prentice Hall, 4th Edition, 2013. https://www.philadelphia.edu.jo/academics/lalqoran/uploads/A-Gift-of-Fire-4thEd-2012.pdf
References (Further Reading, Software, and Internet resources)	Ethics for the Information Age, Michael Quinn, Prentice Hall, 6th Edition, 2015.
Technical teaching aids	NA
Instructor	Dr. Basel Mahafzah **Email**: b.mahafzah@psut.edu.jo
Course Coordinator	Dr. Basel Mahafzah **Email**: b.mahafzah@psut.edu.jo

Class Schedule	Sunday 2:00-3:00 PM Section-1 @ 207 Tuesday 2:00-3:00 PM Section-2 @ 207 Wednesday 2:00-3:00 PM Section-3 @ 201
Office Hours	**Sunday, Monday, Tuesday, & Wednesday: 1:00 – 2:00 PM**
Teaching Assistant	NA

2. Course Learning Outcomes

CLO #	CLOs (Course Learning Outcomes) @x: Mapping to CS Program Outcomes & (JNQF)
1	Evaluate the impacts of IT on modern society @ 1 (C).
2	Explain the importance of the ethical and legal issues related to the use of computers, communications, and technologies @ 4 (K).
3	Define and apply the main ethical principles in the IT profession @2 (K).
4	Explain the importance of innovation in the ICT sector @ 4 (K).
5	Work within small teams to complete simple computer and society-related projects @ 5 (C).
6	Demonstrate the projects and findings in reports and presentations @ 3 (S).

3. Course Content

Week	Topic(s)	Dates	Reference in Text / Notes
1-2	Unwrapping the Gift: Information Technology & Ethics	Feb 18 & 25 / 2024	Chapter 1
3-4	Privacy: Risks & Principles	March 3 & 10 / 2024	Chapter 2
5-6	Intellectual Property Rights and Patents	March 17 & 24 / 2024	Chapter 4
7-8	Computer Crimes, Computer Fraud, and Computer Security	March 31 & April 7 / 2024	Chapter 5
9	**Mid Term Exam**	To be determined by registration	Midterm Exam in Labs
10	Software Issues: Errors, Failures, and Risks	April 21 / 2024	Chapter 8
11	Ethics, Globalization, and the fair use or abuse of the INTERNET	April 28 / 2024	Reading Notes
12	Ethics and Professions, Codes of Information Ethics	May 5 / 2024	Chapter 9
13	New Frontiers for Computer Ethics: Cyberspace and Freedom of Speech	May 12 / 2024	Chapter 3
14-15	**Projects Discussions**	May 19 & 26 / 2024	Projects
16	**Final Exam**	To be determined by registration	Final Exam in Labs

4. Assessment Policy

Assessment Tool	Weight	Date	Description/Notes
Midterm Exam	30%	Week 9	The exact date and time are to be set by the university.
Project Presentation	10%	Weeks 3–15	Each group will present his project in class for 20 minutes and 10 minutes for discussion.
Project Report	20%	Weeks 3–15	Each group will submit a project report.
Final Exam	40 %	Week 16	The exact date and time are to be set by the university.

5. Contribution of the Course to the Professional Component

Computer Science Topics	50%
General Education	50%
Mathematics & Basic Sciences?	0%

6. Expected level of proficiency from students entering the course

Mathematics	Not applicable
Physics	Not applicable
Technical writing	High
Computer programming	Not applicable
Computer programming	Not applicable

7. Material available to students, instructors, TAs, and department at end of course

	Students	Department	Instructors	TA
Course objectives and outcomes form	X	X	X	
Lecture notes, homework assignments, and solutions	X	X	X	
Samples of homework solutions from 3 students		X	X	
Samples of lab reports of 3 students				
Samples of exam solutions from 3 students		X	X	
Course performance form from student surveys		X	X	
End-of-course instructor survey		X	X	

8. Academic Integrity

This course adheres to the university's academic integrity regulations. Students are required to maintain honesty, integrity, and ethical conduct. Violations, including plagiarism or cheating, will result in disciplinary action as per university policies. Please familiarize yourself with these regulations.