Course Specification
(Bachelor)

Course Title:	Information Systems Ethics
Course Code:	470CIS-2
Program:	Information System
Department:	Information System
College:	Computer Science and Information Systems
Institution:	Najran University
Version:	*Course Specification Version Number*
Last Revision Date:	*Pick Revision Date.*

Table of Contents

A. General information about the course:

1. Course Identification

1. Credit hours: (2)					
2. Course type					
A.	☐University	☐College	☒ Department	☐Track	Others
B.	☒ Required		☐Elective		
3. Level/year at which this course is offered: (Level 7/ Year 4)					
4. Course General Description:					
This course aims at developing the ethical reasoning skills and sensitivities that computer professionals will need to make good decisions and to justify them. The course includes a general introduction to ethical theories and their use in making and justifying decisions. It admits discussions and explorations of various issues and case studies, illustrating the kinds of problems that can arise from the use and misuse of computers and technology, the responsibilities of computing professionals, ethics on the internet (hacking, computer crime, netiquette), privacy and social issues. This course helps new system administrators understand that technological abstraction is not a moral abstraction and that every choice we make has important, meaningful, even life-changing implications. It presents real-life examples for each of the ethical areas, seen through the eyes of engineers who've experienced how privileged hardware and software access requires ethics.					
5. Pre-requirements for this course (if any)**:**					
6. Co-requisites for this course (if any)**:**					
7. Course Main Objective(s):					
Students will explore the nature and principles of ethics-- including personal, professional, and corporate ethics -- in a computing context. Students will address the interplay between ethics on the one hand; and law, society, politics, economy, justice, responsibility, honesty on the other. Students will investigate specific					

ethical issues raised by the ubiquity of computer and information technology in today's society.

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	50	100%
2	E-learning		
3	Hybrid • Traditional classroom • E-learning		
4	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	50
2.	**Laboratory/Studio**	
3.	**Field**	
4.	**Tutorial**	
5.	**Others (specify)**	
Total		50

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	**Discuss the theory of computer ethics, and professional ethics.**	**K2**	**Lectures, Small Group Work**	**Quiz, midterm, final exam, homework, assignment**
1.2	**Determine privacy protection and technology**	**K2,C3**	**Lectures, Small Group Work**	**Quiz, midterm, final exam,**

Code	Course Learning Outcomes	Code of PLOs aligned with the program	Teaching Strategies	Assessment Methods
	risks			**homework, assignment**
...				
2.0	**Skills**			
2.1	**Analyze various case studies related to use and misuse of technology**	**S1, S3**	**Lectures, Small Group Work**	**Quiz, midterm, final exam, homework, assignment, project presentation**
2.2	**Apply code of ethics in professional issues and computer organization**	**S1, S3**	**Lectures, Small Group Work**	**Quiz, midterm, final exam, homework, assignment, project presentation**
...				
3.0	**Values, autonomy, and responsibility**			
3.1				
3.2				
...				

C. Course Content

No	List of Topics	Contact Hours
1.	History of Computing	2
2.	Morality and the Law	2
.3.	Morality and the Law	2
4.	Ethics and Ethical Analysis	3
5.	Ethics and the Professions	3
6.	Anonymity, Security, Privacy & Civil Liberties	4
7.	Intellectual Property Rights & Computer Technology	3
8.	Intellectual Property Rights & Computer Technology	4
9	Social context of Computing	3
10.	Software Issues: Risk and Liabilities	3
11.	Software Issues: Risk and Liabilities	3

12.	Computer Crimes	3
Total		**50**

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quiz 1	2	5%
2.	Homework/ Presentation	4	5%
3.	Midterm Exam-1	6	20%
4.	Assignment + Presentation	10	20%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	**Ethical and Social Issues in the Information Age, Joseph M. Kizza Springer; 4th edition, 2010** **Ljubuncic, Igor, and Tom Litterer. System Administration Ethics. Apress, 2019.**
Supportive References	**A Gift of Fire, Social, Legal, and Ethical Issues for Computing and the Internet- Sara Baase; Prentice Hall, 3rd Edition**
Electronic Materials	
Other Learning Materials	

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	• Lecture Rooms with appropriate number of seats, Projector with Screen and a white board or a smart board. • All the computers in all the laboratories should be installed with the latest version of the required software.
Technology equipment (projector, smart board, software)	• One PC and one projector and data show in the lecture room • Number of PCs according to strength of students in the lab room

Items	Resources
Other equipment (depending on the nature of the specialty)	

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Online Course Survey
Effectiveness of Students assessment	Students	Online Course Survey
Quality of learning resources	Peer Reviewer, Course Coordinator	Exam Moderation Process
The extent to which CLOs have been achieved	Faculty, Program Coordinator, Vice Dean and Dean	Answer Scripts Review, Grade Sheet review
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewers, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	**17th Department Council**
REFERENCE NO.	**14460810-0976-00017**
DATE	**10/02/2025**