



Course Specifications

Course Title:	Social, Ethical and Professional Issues
Course Code:	573CSS-3
Program:	BSc in in Computer Science
Department:	Computer Science
College:	Computer Science and Information Systems
Institution:	Najran University

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A. Course Identification

1. Credit hours: 3 (3 0 1)			
2. Course type			
a.	University <input type="checkbox"/>	College <input type="checkbox"/>	Department <input checked="" type="checkbox"/>
b.	Required <input checked="" type="checkbox"/>	Elective <input type="checkbox"/>	Others <input type="checkbox"/>
3. Level/year at which this course is offered:		Year 5/ Level 15	
4. Pre-requisites for this course (if any): N/A			
5. Co-requisites for this course (if any): N/A			

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	30	% 100
2	Blended		
3	E-learning		
4	Distance learning		
5	Other		

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30
2	Laboratory/Studio	
3	Tutorial	
4	Others (specify)	
	Total	30
Other	Learning Hours*	
1	Study	
2	Assignments	
3	Library	
4	Projects/Research Essays/Theses	
5	Others (specify)	
	Total	

B. Course Objectives and Learning Outcomes

1. Course 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

2. Course Main Objective

Students will learn personal, professional, and corporate ethics and relevant issues in a computing context

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	Knowledge and Understanding	
1.1	Define the basic concepts of social, ethical, and professional issues associated with computing and their impact today	K ₁ , K ₂
1.2	Describe the terms intellectual property (copyrights, patents and trade secret laws, Open Source), plagiarism and reverse engineering	K ₂
1.3	Discuss the issues and the trend that increase the risk of using computing technologies in an unethical manner	K ₂
1...		
2	Skills :	
2.1	Analyze various case studies related to use and misuse of technology	S ₁ ,S ₃
2.2	Apply code of ethics in professional issues and computer organization	S ₃
2.3	Analyze the local and global impact of social networking on individuals and society	S ₃
2...	Judge the most common types of computer security attacks, primary perpetrators and computer crime	S ₃
3	Values:	
3.1		
3.2		
3.3		
3...		

C. Course Content

No	List of Topics	Contact Hours
1	History of Computing	3
2	Morality and the Law	3
3	Ethics and Ethical Analysis	3
4	Ethics and the Professions	3
5	Anonymity, Security, Privacy & Civil Liberties	3
6	Intellectual Property Rights & Computer Technology	3
7	Social context of Computing	3
8	Software Issues: Risk and Liabilities	3
9	Computer Crimes	3
10	Cyberspace, Cyber ethics, and Social Networking	3
Total		30

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	Knowledge		
1.1	Define the basic concepts of social, ethical, and professional issues associated with computing and their impact today	Lectures	Quiz, midterm and final exams
1.2	Describe the terms intellectual property (copyrights, patents and trade secret laws, Open Source), plagiarism and reverse engineering	Lectures	Quiz, midterm and final exams
1.3	Discuss the issues and the trend that increase the risk of using computing technologies in an unethical manner	Lectures	Quiz, midterm and final exams
2.0	Skills		
2.1	Analyze various case studies related to use and misuse of technology	Lectures, Group Discussion	midterm and final exams, assignments
2.2	Apply code of ethics in professional issues and computer organization	Lectures, Group Discussion	Midterm 1 and final exams, assignments
2.3	Analyze the local and global impact of social networking on individuals and society	Lectures, Group Discussion	Midterm 1 and final exams, assignments
	Judge the most common types of computer security attacks, primary perpetrators and computer crime	Lectures, Group Discussion	Midterm 1 and final exams, assignments
3.0	Values		
3.1			
3.2			
...			

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Quiz 1 & 2	2 rd & 4 rd week	10 %
2	Home works or mini project (presentation)	5 th week	10 %
3	Mid Term Exam	6 th week	20 %
5	Assignments	9 th week	10 %
6	Final Exam	12 th or 13 th week	50 %

*Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

I have 10 office hours and 4 academic advising hour per week for individual student consultations and academic advice rather than every student has his own Academic Advisor

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	Ethical and Social Issues in the Information Age, Joseph M. Kizza Springer; 6th edition (December 8, 2017)
Essential References Materials	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. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	Classrooms to accommodate 50 students per classroom with desks and chairs
Technology Resources (AV, data show, Smart Board, software, etc.)	Data show needs to maintenance regularly
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
<p>By the end of each semester, students give their opinions about many factors in the course. They give feedback About the teaching strategies, assessment methods, textbooks, instructor, etc.</p> <p>Evaluation of CLOs can be used to compare the improvement from previous evaluation.</p> <p>Improvement plan based on the online course survey must be prepared.</p>	<p>Institution (By the end of each semester, students give opinions on satisfactions of the course)</p>	<p>Online course survey (indirect assessment)</p>

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Action plan based on the CLOs achievements must be prepared.		
<p>A course survey is distributed to students to take their opinions about the CLOs. Evaluation of CLOs can be used to compare the improvement from previous evaluation.</p> <p>Improvement plan based on the online course survey must be prepared.</p> <p>Action plan based on the CLOs achievements must be prepared.</p>	Instructor (A course survey is distributed to students to take their opinion)	Feedback about Course Learning Outcomes (CLOs) (indirect assessment)
<p>Assessment of SOs through CLOs</p> <p>Evaluation of CLOs can be used to compare the improvement from previous evaluation.</p> <p>Improvement plan based on the online course survey must be prepared.</p> <p>Action plan based on the CLOs achievements must be prepared.</p>	Instructor (through various teaching strategies)	Assessment of SOs through CLOs (direct assessment)

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify))

Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	Computer Science Departmental Council
Reference No.	14440203-0185-00002
Date	1st Sep, 2022