

College of Computer Science and Information Systems
 Course Code : 440CSS-3
 Contact Hour : 3(0)

Department of Computer Science
 Social, Ethical and Professional Issues
 Prerequisite : N/A

Coordinator -

2. 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.

3. Course Learning Outcomes

SL	By the end of this course, students should be able to:	Linkages to POs
1.	CLO_1: Discuss the theory of computer ethics, and professional ethics.	e(S)
2.	CLO_2: Apply code of ethics in professional issues and computer organization	e(S),h(S)
3.	CLO_3: Determine privacy protection and technology risks.	b(S),g(S)
4.	CLO_4: Analyze various case studies related to use and misuse of technology	b(S),g(S)

4. Learning Resources

Text	Ethical and Social Issues in the Information Age, Joseph M. Kizza Springer; 4th edition, 2010.
Reference	A Gift of Fire, Social, Legal, and Ethical Issues for Computing and the Internet- Sara Baase; Prentice Hall, 3rd Edition.

5. Course Content : The list below provides a summary of the material that will be covered during the course

Week	Topics	References Book / Others Source	Special Event	Tutorial Activities	Lab Activities
1.	History of Computing	Chapter 1			
2.	Morality and the Law	Chapters 2			
3.	Morality and the Law	Chapters 2			
4.	Ethics and Ethical Analysis	Chapter 3	Mid-Term 1		
5.	Ethics and the Professions	Chapter 4			
6.	Anonymity, Security, Privacy & Civil Liberties	Chapter 5			
7.	Intellectual Property Rights & Computer Technology	Chapter 6			
8.	Intellectual Property Rights & Computer Technology	Chapter 6	Mid-Term 2		
9.	Social context of Computing	Chapter 7			
10.	Software Issues: Risk and Liabilities	Chapter 8			
11.	Software Issues: Risk and Liabilities	Chapter 8	presentation		
12.	Computer Crimes	Chapter 9			
13.	Cyberspace, Cyber ethics, and Social Networking	Chapter 12			

6. Evaluation Scheme: The following list is the contribution of course components to the final grade for the course.

Component	Weight (%)
Quizes	5%
Assignments	5%
Midterm Examinations	40%
Final Examination	50%
Total	100

