

Dept Number	CS 399	Course Title	Social, Ethical and Professional Issues in Computer Science							
Semester Hours	1	Course Coordinator	Namdar Mogharreban							
Catalog Description	Issues facing computer professionals in society and industry. Social impact of information technology. Ethical responsibilities of computer professionals. Professional organizations: availability, membership, meetings, codes of conduct. Professional communications: written reports on case studies dealing with ethical decision making, term paper and an oral presentation.									
Textbooks										
<i>Ethics for the Information Age</i> . Quinn, Michael J. Addison Wesley, 5 th Edition, 2013. ISBN: 9780132855532.										
References										
Course Learning Outcomes										
<ul style="list-style-type: none"> • To understand the critical social issues in the computing field. • To learn the ethical responsibilities as computer professionals. • To learn what a professional organization can offer. • To improve the writing skills through written reports on a series of weekly case studies. • To practice research skills by writing a report on a technical area in the computer field. • To improve the oral communication skills. 										
Assessment of the Contribution to Student Outcomes										
Outcome →	1	2	3	4	5	6	7	8	9	10
Assessed →						X	X	X	X	
Prerequisites by Topic										
220 with a grade of C or better. Restricted to Computer Science majors.										

Major Topics Covered in the Course

1. What are the major social, ethical and professional issues in computer science? {8 classes}
2. Discussion on preparing a resume and a cover letter {1 class}
3. Writing reports {2 class}
4. Codes of ethics:
 - ACM code of ethics and professional responsibility
 - IEEE code of ethics , software engineering code of ethics , corporate codes of ethics (Bob's software house code of conduct) {1 class}
5. IEEE - computer society, CPSR {1 class}
6. Class discussion of benefits of professional organizations {1 class}