WAYNE STATE
UNIVERSITY
COLLEGE OF ENGINEERING

Computer Science Department

CSC 3010
Ethics in Computer Science
Winter 2018
State Hall (STAT) 0135
Friday, 02:30PM - 05:00PM.
http://www.cs.wayne.edu/fengwei/18sp-csc3010/index.html

Instructor:
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Office Hours: Friday, 01:00PM - 02:30PM

Course Description:

This course covers the ethical issues students will face both as members of a technological society and as professionals in computer-related fields. Students will study the ethical and legal issues that arise with the usage and development of computing technology. Students will learn the responsibilities of the computer professionals and how to make appropriate decisions when faced with legal and ethical issues in computing. This course includes writing assignments, group discussions, term projects, and the final exam.

Credit Hours:
3 Credit Hours

Perquisite:
CSC 2110 and CSC 2111; or permission of the instructor.

Text(s) Book:
Gift of Fire, A: Social, Legal, and Ethical Issues for Computing Technology, 5th Edition
Sara Baase and Timothy M. Henry
New England Institute of Technology
ISBN-13: 978-0134615271
ISBN-10: 0134615271

Computer Programs:
        Not required

Course contents:

Weeks	Topics	Readings	Slides & Notes
Week 1, 01/12	Course overview		
Week 2, 01/19	Unwarpping the Gift	Chapter 1	
Week 3, 01/26	Privacy	Chapter 2	
Week 4, 02/02	Privacy	Chapter 2	
Week 5, 02/09	Freedom of Speech	Chapter 3	
Week 6, 02/16	Intellectual Property	Chapter 4	
Week 7, 02/23	Crime and Security	Chapter 5	
Week 8, 03/02	Crime and Security	Chapter 5	
Week 9, 03/09	Work & Employment	Chapter 6	
Week 10, 03/16	Evaluating and Controlling Technology	Chapter 7	
Week 11, 03/23	Evaluating and Controlling Technology	Chapter 7	
Week 12, 03/30	Errors, Failures and Risks	Chapter 8	
Week 13, 04/06	Professional Ethics and Responsibilities	Chapter 9	
Week 14, 04/13	Term Project Presentations		
Week 15, 04/20	Term Project Presentations		
Week 16, 04/27	Final Exam		

Course Learning Objectives:

This course offers an in depth discussion of real-world computer ethical issues. Upon successful completion of this class, the student will gain experience to:

#	CSC 3010 Course Learning Objectives
1	Identify ethical issues that arise in software development and determine how to address them technically and ethically.
2	Understand the philosophical bases of intellectual property and the rationale for the legal protection of intellectual property.
3	Understand the philosophical basis for the legal protection of personal privacy and the impact of technological solutions to privacy problems.
4	Recognize the ethical responsibility of ensuring software correctness, reliability and safety and evaluate ethical/social tradeoffs in technical decisions.
5	Recognize the professional and ethical responsibilities, including those defined in the Software Engineering Code and ACM Code of Ethics.
6	Identify laws that apply to computer crimes and examine the ethical and legal issues pertaining to the internationalization of software products.
7	Examine different roles of software development and understand their legal and ethical responsibilities.
8	Interpret the intent and implementation of closed source and open source software licensing.

Assessment:

Topics	Grade
Class Participation	200
Writing Assignments	300
Final Exam	300
Term Project	200
Total	1000

Grading Scale:

The grades for the course will be based upon the percentages given below

A	90 - 100%	C	70 - 73%
A-	87 - 89%	C-	67 - 69%
B+	84 - 86%	D+	64 - 66%
B	80 - 83%	D	60 - 63%
B-	77 - 79%	D-	57 - 59%
C+	74 - 76%	F	0 - 56%

Religious Holidays:

Because of the extraordinary variety of religious affiliations of the University student body and staff, the Academic Calendar makes no provisions for religious holidays. However, it is

University policy to respect the faith and religious obligations of the individual. Students with classes or examinations that conflict with their religious observances are expected to notify their instructors well in advance so that mutually agreeable alternatives may be worked out.

Student Disabilities Services:

- If you have a documented disability that requires accommodations, you will need to register with Student Disability Services for coordination of your academic accommodations. The Student Disability Services (SDS) office is located in the Adamany Undergraduate Library. The SDS telephone number is 313-577-1851 or 313-202-4216 (Videophone use only). Once your accommodation is in place, someone can meet with you privately to discuss your special needs. Student Disability Services' mission is to assist the university in creating an accessible community where students with disabilities have an equal opportunity to fully participate in their educational experience at Wayne State University.
- Students who are registered with Student Disability Services and who are eligible for alternate testing accommodations such as extended test time and/or a distraction-reduced environment should present the required test permit to the professor at least one week in advance of the exam. Federal law requires that a student registered with SDS is entitled to the reasonable accommodations specified in the student's accommodation letter, which might include allowing the student to take the final exam on a day different than the rest of the class.

Academic Dishonesty - Plagiarism and Cheating:
Academic misbehavior means any activity that tends to compromise the academic integrity of the institution or subvert the education process. All forms of academic misbehavior are prohibited at Wayne State University, as outlined in the Student Code of Conduct (http://www.doso.wayne.edu/student-conduct-services.html). Students who commit or assist in committing dishonest acts are subject to downgrading (to a failing grade for the test, paper, or other course-related activity in question, or for the entire course) and/or additional sanctions as described in the Student Code of Conduct.
- **Cheating:** Intentionally using or attempting to use, or intentionally providing or attempting to provide, unauthorized materials, information or assistance in any academic exercise. Examples include: (a) copying from another student's test paper; (b) allowing another student to copy from a test paper; (c) using unauthorized material such as a "cheat sheet" during an exam.
- **Fabrication:** Intentional and unauthorized falsification of any information or citation. Examples include: (a) citation of information not taken from the source indicated; (b) listing sources in a bibliography not used in a research paper.
- **Plagiarism:** To take and use another's words or ideas as one's own. Examples include: (a) failure to use appropriate referencing when using the words or ideas of other persons; (b) altering the language, paraphrasing, omitting, rearranging, or forming new combinations of words in an attempt to make the thoughts of another appear as your own.
- **Othe**r forms of academic misbehavior include, but are not limited to: (a) unauthorized use of resources, or any attempt to limit another student's access to educational resources, or any attempt to alter equipment so as to lead to an incorrect answer for subsequent

users; (b) enlisting the assistance of a substitute in the taking of examinations; (c) violating course rules as defined in the course syllabus or other written information provided to the student; (d) selling, buying or stealing all or part of an un-administered test or answers to the test; (e) changing or altering a grade on a test or other academic grade records.

Course Drops and Withdrawals:
There will be no in-completes given for the course.
In the first two weeks of the (full) term, students can drop this class and receive 100% tuition and course fee cancellation. After the end of the second week there is no tuition or fee cancellation. Students who wish to withdraw from the class can initiate a withdrawal request on Pipeline. You will receive a transcript notation of WP (passing), WF (failing), or WN (no graded work) at the time of withdrawal. No withdrawals can be initiated after the end of the tenth week. Students enrolled in the 10th week and beyond will receive a grade. Because withdrawing from courses may have negative academic and financial consequences, students considering course withdrawal should make sure they fully understand all the consequences before taking this step. More information on this can be found at:
http://reg.wayne.edu/pdf-policies/students.pdf

Student services:
- The Academic Success Center (1600 Undergraduate Library) assists students with content in select courses and in strengthening study skills. Visitwww.success.wayne.edu for schedules and information on study skills workshops, tutoring and supplemental instruction (primarily in 1000 and 2000 level courses).
- The Writing Center is located on the 2nd floor of the Undergraduate Library and provides individual tutoring consultations free of charge. Visit http://clasweb.clas.wayne.edu/writing to obtain information on tutors, appointments, and the type of help they can provide.

Class recordings:
Students need prior written permission from the instructor before recording any portion of this class. If permission is granted, the audio and/or video recording is to be used only for the student's personal instructional use. Such recordings are not intended for a wider public audience, such as postings to the internet or sharing with others. Students registered with Student Disabilities Services (SDS) who wish to record class materials must present their specific accommodation to the instructor, who will subsequently comply with the request unless there is some specific reason why s/he cannot, such as discussion of confidential or protected information.

Other issues
- Foods and drinks are not allowed during the lecture or lab hours.
- Cell phones and other two-way communication devices: Students are expected to turn off their devices or turn them to the silent mode when they come to the lecture or to the lab. If a device is used in any way in the lab, you will receive a verbal warning first and then you will be asked to leave immediately.