Course Syllabus
CS 305: Social, Ethical, and Legal Implications of Computing
Dept. of Computer Science/Portland State University
Spring 2011
March 28, 2011- June 9, 2011

Instructors. Bart Massey (`bart@cs.pdx.edu`)
Warren Harrison (`warren@cs.pdx.edu`)

Time and Location. Mondays, 12:00-13:50 in FAB 40-06

Moodle. http://svcs.cs.pdx.edu/moodle/cs305

Text. *Ethics for the Information Age* (4th ed.), Michael Quinn, Pearson, 2009. ISBN 0-13-213387-3.

Course Objectives.

- Identify the ethical issues that relate to computer science in real situations they may encounter.
- Decide whether a given action is ethical as regards computer science professional ethics, and justify that decision.
- Look up relevant ethical standards as developed by the ACM.
- Prepare and deliver a short (8-10 minute) professional-quality talk on a topic relating to ethical, legal, and social implications of computer science.
- Research and write a professional-quality paper about a topic relating to social, legal, and ethical implications of computer science.
- Recognize situations in which there may be legal issues as regards computer science and related topics such as intellectual property, and know some legal principles to apply.
- State several important impacts of computer science and related fields on contemporary society.
- State several examples of important ethical principles as they apply to computer science related situations.

Grading Policies and Procedures. Grades will be based on homework (20%), attendance/participation (20%), preliminary slides & abstract (10%), *your* presentation (20%), *your evaluation of others'* presentations (10%), and your paper (20%).

Academic Integrity. You are expected to behave with integrity at all times. Cheating will result in a grade of zero on the assignment or exam on which the student cheats and the initiation of disciplinary action at the university level. Allowing another student to use your work as his/her own is also academic misconduct.

Tentative Schedule

Week	Lecture Topic	Chapters	Notes
March 28, 2011	History of Computing, Intro to Ethics	1, 2	
April 4, 2011	Networking	*3*	*HW #1 Due*
April 11, 2011	Intellectual Property	4	HW #2 Due
April 18, 2011	Privacy	*5*	*HW #3 Due*
April 25, 2011	Security and Computer Crime	*6*	*HW #4 Due*
May 2, 2011	Reliability	*7*	*Preliminary Slides and Abstract Due*
May 9, 2011	Presentations		
May 16, 2011	Presentations		
May 23, 2011	Presentations		
May 30, 2011	No Class	*Memorial Day*	