

Spring 2-1-2018

# CSCI 315E.01: Computers, Ethics, and Society

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# CSCI 315E Syllabus

## Course

Computers, Ethics and Society

## Session

Spring 2018

## Class Location and Time

2:00 PM – 2:50 PM Monday, Wednesday and Friday

Social Science 362

## Instructor

William Knight

## Office

Social Science 403

## Office hours

3:00 to 4:00 PM Monday, Wednesday and Friday or by appointment

## Email

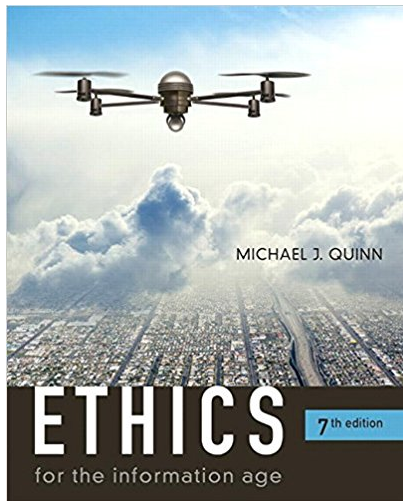
William.Knight@umontana.edu

## Course prerequisites

University approved intermediate level writing course

**\* Note that these prerequisites are strictly upheld. If you do not have the pre-requisites satisfied, you must get prior approval from the Chair of the Department, Dr. Andrew Ware, before enrolling in this course.** Review the current course catalog (<http://catalog.umt.edu/academics/general-education-requirements/>) to see what the University writing requirements are.

## Required Text Book



Ethics for the Information Age, 7<sup>th</sup> Edition by Michael Quinn. Publisher: Pearson

## Learning Outcomes

In this class, we will learn about ethical problems that computer scientists face, the codes of ethics of computing professional societies, legal issues involved in technology, and the social implications of computers, computing, and other digital technologies. As a result of this class, you will:

- Understand, identify, and apply different ethical philosophies, frameworks, and methodologies.
- Acquire an understanding of professional, ethical, legal, security and social issues and responsibilities.
- Understand and apply the concepts and principles of moral thinking to problems relating to computing and digital technologies.
- Identify and interpret the codes of professional conduct relating to the disciplines of computer science and software engineering.
- Be able to analyze the local and global impact of computing on individuals, organizations, and society.
- Improve your skills writing argumentative essays and pieces, and in critical thinking, analysis, and presentation.
- Have the ability to communicate effectively with a range of audiences.
- Become familiar with a number of noteworthy essays written by influential researchers in the field of cyberethics.

Also note that this class satisfies the [UM upper-division writing requirement](#), ethical requirement, and Computer Science major requirement. This class focuses on the development of good oral and written communication skills.

### **Grade Distribution**

- Class discussion: 10%
- Formal writing assignments, including revision: 40%
- Ethics Bowl: 10%
- Formal class presentation: 10%
- Final exam: 20%
- Attendance 10%

### **Grading Scale**

90 - 100.....	A
80 - 89.....	B
70 - 79.....	C
60 - 69.....	D
00 - 59.....	F

### **Academic Ethics**

Ethics in academic activities are important at the University of Montana. We wish to graduate students who are responsible, hardworking, dependable, and who exhibit integrity and independence of thought.

While I do not mind if you discuss your assignments with your classmates, you are expected to design, edit and print your own assignments. You are expected to take tests without outside assistance. All work is expected to be your own.

#### Examples:

Splitting up the work in an assignment among several students is not acceptable.

Working together on the solution to an assigned problem, writing-it-up once, and then turning-in a copy, or a copy-and-pasted version, is not acceptable.

Overly similar work will be considered to be the result of copying. If you collaborate with another person for a graded assignment as in the example activities noted above, all parties involved will receive a zero for that assignment. If there are further assignments in which you have collaborated, the matter will be turned over to the Dean of Academic affairs for possible university imposed sanction. It is, therefore, imperative that if you need help on your assignments that you contact your instructor and NOT someone else.

The official University policies can be found in the [Student Conduct Code](#).

## **Department Contact**

Robyn Berg  
SS 401  
(406) 243-2866  
robynb@cs.umt.edu

## **Disability Accommodations**

The Department of Computer Science is committed to equal opportunity in education for all students, including those with documented physical disabilities or documented learning disabilities. University policy states that it is the responsibility of students with documented disabilities to contact instructor DURING THE FIRST WEEK OF THE SEMESTER to discuss appropriate accommodations to ensure equity in grading, classroom experiences, and outside assignments.

The instructor will meet with the student and the staff of the Disability Services for Students (DSS) to make accommodations.

## **Religious Observance**

Religiously observant students wishing to be absent on holidays that require missing class should notify their professors in writing at the beginning of the semester, and should discuss with them, in advance, acceptable ways of making up any work missed because of the absence.

## **Excused Absences for University Extracurricular Activities**

Students participating in an officially sanctioned, scheduled University extracurricular activity will be given the opportunity to make up class assignments or other graded assignments missed as a result of their participation. It is the responsibility of the student to make arrangements with the instructor prior to any missed scheduled examination or other missed assignment for making up the work.

## **Other Useful Information**

- On-time attendance is expected for all schedule class periods and will count towards your overall class participation grade. Instructor will reduce credit for attendance if you are late to class.
- If you miss a class, you and you alone are responsible for the material covered. This includes handouts, schedule changes, and lecture notes. Every class period is important and may be on the final exam.
- Review the University policy on **incompletes** (<http://catalog.umt.edu/academics/policies-procedures/>). In particular, note that incompletes can only be assigned when the student has “been in attendance and doing passing work up to three weeks before the end of the semester.” Incompletes will not be issued simply to prevent a failing grade.
- Late materials will only be accepted at the discretion of the Instructor and are subject to a late penalty.

## Schedule

Week	Dates	Topic	Monday	Wednesday	Friday
1	1/22 – 1/26	Course overview, Introduction	First day of class		
2	1/29 – 2/2	Ch 2: Introduction to ethics			
3	2/5 – 2/9	Ch 3: Networks			
4	2/12 – 2/16	Ch 3: Networks Ch 4: Intellectual property	Individual presentations begin		
5	2/19 – 2/23	Ch 4: Intellectual property	Presidents Day		Long paper – Initial draft due
6	2/26 – 3/2	Ch 5: Information Privacy			
7	3/5 – 3/9	Ch 5: Information Privacy Ch 6: Privacy and the Government			
8	3/12 – 3/16	Ch 6: Privacy and the Government			
9	3/19 – 3/23	Ch 7: Security			Long paper – Revised final version due

10	3/26 – 3/30	Spring Break			
11	4/2 – 4/6	Ch 8: Reliability			
12	4/9 – 4/13	Ch 9: Professional Ethics			
13	4/16 – 4/20	Ch 10: Work and Wealth			
14	4/23 – 4/27	Ch 10: Work and Wealth	Ethics Bowl	Ethics Bowl	Ethics Bowl
15	4/30 – 5/4		Last Day of Regular Classes		
16	5/7 – 5/11		Finals	Finals	Finals