4. Please list any prerequisites: None

5. When will this course first be offered? Spring 2011

Rationale for Course Proposal: Computer Science 222: Values, Ethics and Issues in Cybertechnology

A. Overview

This course offers mid-career students the opportunity to explore through readings, class
~~discussions, and extensive writing the ethical issues which~~

Analysis of Values, Writing Intensive flagged general education course, CS 222 will examine
such topics as free expression and content control, intellectual property, privacy and information

values-based issues connected with twenty-first technology early in their college careers to make them aware of ethical implications in cybertechnology.

E. Library, computer, media resources

At this time, no additional library, computer or media resources are projected if the course is approved. Ames Library currently subscribes to the ACM Digital Library, which contains

encompass material offered through databases like Academic Search Premier, JSTOR, Lexis/Nexis or PsychInfo. No exceptional software is required for this course.

F. General Education Goals

This course would meet General Education Goals 1, 5, and 6, as amended in 1995 and published in the General Education Handbook and elsewhere. Goal 1, "To develop students' capacities for critical thinking, intellectual independence, and imagination by creating opportunities for active

Some entities, like the ACLU, decry the loss of privacy in the name of national security; others advocate for advanced security, such as biometric technology. Definitions of what constitutes crime and for whom are engaged with this topic.

Students are also introduced to major theories and methodologies to help them understand these issues in the first three weeks of the course. The touchstone for

the unique context of modern technology in thinking about ethical values; Moor concludes that "rational ethics" based on "limited relativity" is called for in the singular field of cyberethics. Subsequent readings engage and complicate Moor's position; one more radical essay by Floridi and Sanders argues that traditional ethics is "biocentric"

and analyze readings, and through a well-articulated process for each formal writing assignment.
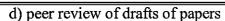
I. Assessment

I plan on employing several assessment tools for this course:

a) Formative assessment. At the end of the sixth week, students will be asked to anonymously write responses to questions concerning the readings, the management of the writing process, the pace and structure of the course, the nature of the writing assignments, instructor comments on drafts, class discussion, and other areas.

b) Summative assessment. The standard IWU student assessment tool will be given, with four additional questions:

1. Evaluate the class readings. Were they too difficult or too easy? Did they pertain to the

topic of the course? Did assignments complement the readings?
2. Evaluate class discussion. Did the instructor keep discussion focused on the topic or reading assigned? Were class members encouraged to participate? Were important ideas

ACLU, "Fahrenheit 451.2: Is Cyberspace Burning?", 159-172
Rosenberg, R.S., "Filtering the Internet in the United States: Free Speech Denied?", 173-179
and other readings
Unit III: Intellectual Property in Cyberspace [Weeks 7-9]

McFarland, M. , "Intellectual Property, Information, and the Common Good," 294-304

d) peer review of drafts of papers

e) mircoessays for most readings

f) a 10-page research paper

E. Sample possible writing assignments:

Unit II Scenario paper: Imagine that the IWU administration, in effort to create a secure campus environment, has decided to block access to several websites which celebrate shootings at universities. As a student member of the Web Advisory Group, you have been charged with writing a 5-page position statement which supports or opposes blocking these sites. Policies at other institutions, legal decisions, ethical statements and other external material might bolster some of your arguments. A workshop with IWU CS library liaison Stephanie Davis-Kahl should help you in your search for resources.

Unit III Scenario paper: You're an assistant business manager for a music group [choose your favorite group here]. Your group is about to release a new collection of music which took a full year in and out of the studio to produce. Fans want all or most of the music released free on through a peer-sharing site; record executives with whom your group has worked in the past want usual fees and royalties. The music group wants a 5-page statement released on its website laying out clearly the group's position, and you've been charged with

creating the first draft (which should be quite polished but which will be revised by subsequent staffers). In fact, another student will be charged with modifying your draft. A conference with your instructor at the rough draft stage is required.

Unit IV Scenario Paper: A large local insurance multinational corporation is dealing with a