Wright State University

CORE Scholar

Spring 2013

CS 1000-09: Technology and Society

Meg Wiltshire
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Syllabus
CS 1000-90 Technology and Society
Spring 2013

Contact Information:	Meg Wiltshire, Adjunct Office: 405 Russ Engineering Center Phone: 937.775.5004 meg.wiltshire@wright.edu
Meeting Times:	N/A
Office Hours:	Wednesday & Friday, 10:30 – 11:30 AM
Prerequisites:	None
Credit Hours:	3 credit hours
Textbook:	A Gift of Fire: Social, Legal, and Ethical Issues for Computing and the Internet, 4th Edition, Sarah Baase, 2012 ISBN: 0132498679

Course Description:

What impact does technology have on society? As technology plays a greater role in our everyday lives, this becomes and increasingly important issue. The past 30 years have seen unprecedented technological advances, but the benefits obtained are often offset by unforeseen consequences and repercussions, such as privacy concerns, identity theft, and safety. This course will evaluate the consequences of technology on individuals, organizations, and society, identifying the potential benefits and limitations. We will discuss how social, ethical, legal and philosophical issues have impacted, and will continue to impact, society.

Course Objectives:

After completing this course, you should be able to:
- Present coherent arguments related to real-world examples of technology in society.
- Describe how technology pervades society in the 21st century and how this affects everyday life.
- Analyze and explain ethical, legal, political, and security issues related to technology.
- Explain how society – from the individual to the workplace to the government – has developed a critical dependency on technology and describe the ramifications of this dependency.
- Determine how technology can promote or hinder the acceptance of diversity among people, traditions, cultures and ideas, both locally and globally.

- Evaluate contemporary issues through political, social, economic, historical, cultural, or spiritual perspectives, and explain how technology influences general understanding about such ideas.

Course Evaluation:

To successfully complete this course, students must complete assigned reading/videos prior collaborative discussions.

Course Grading:
- Prep Quiz grade average - 10%
- Collaboration grade average - 10%
- Individual Assignment grade average - 40%
- Group Presentation grade average - 40%

Final grades will be earned as follows:
- A for an overall score equal to or above 90%
- B for an overall score between 80% and less than 90%
- C for an overall score between 70% and less than 80%
- D for an overall score between 60% and less than 70%
- F for an overall score less than 60%

Attendance and Participation Policy:

CS 1000 has been designed to be a highly interactive and collaborative course with active learning, discussion, problem solving, and teamwork. **Attendance and participation are critical.** This course uses a "flipped classroom" approach rather than traditional lecture, meaning that students will be expected to engage in spirited yet constructive discussions based on material reviewed before the class convenes. In other words, course preparation is done outside of class individually, so that actual class time can be used for collaboration and problem solving.

All students must be fully prepared to discuss assigned course content. (Usually, this preparation involves assigned readings from the course text, although some other readings or research may be assigned). When new readings are assigned, students are expected to pass an online prep quiz **before** the start of each subject theme, to demonstrate familiarization with the prerequisite material.

All students are required to collaborate with assigned group members. Groups are comprised of six students (although there may be one team of 4, or two teams of 2, when the number of students is not divisible by 3). Groups will rotate several times during the semester, meaning students won't be assigned to the same group for the duration of the course. Group activity will require roughly three hours per week to further discuss, refine, and debate ideas.

Course Policies:

Students are responsible for contributing original work or ideas to projects. While the course is collaborative in nature, each student is expected to be a contributor. Students must cite any content that they did not create themselves in accordance with the WSU Code

of Conduct, Section X – Academic Integrity policy found at
http://www.wright.edu/students/judicial/integrity.html

Students will be expected to maintain a professional demeanor during this course. Please be respectful of others in your conversations and email.

Many questions discussed in this course do not have a single "right" or "wrong" answer; most of the issues do not have simple solutions. As such, please respect the opinions of others, and be constructive at all times. Also, try to learn from differing points of view, and do not take dissenting opinions personally!

Tentative Schedule:

Assignment	Date
Prep Quiz - Privacy	01.09.13
Privacy Individual Assignments	01.16.13
Privacy Group Presentations	01.23.13
Prep Quiz - Social Media	01.25.13
Social Media Individual Assignments	02.04.13
Social Media Group Presentations	02.08.13
Prep Quiz - Safety & Reliability	02.11.13
Safety & Reliability Individual Assignments	02.18.13
Safety & Reliability Group Presentations	02.22.13
Spring Break	02.25.13
Prep Quiz - Crime	03.04.13
Crime Individual Assignments	03.11.13
Crime Group Presentations	03.15.13
Prep Quiz - Information Age	03.18.13
Information Age Individual Assignments	03.25.13
Information Age Group Presentations	03.29.13
Technology & Society Individual Assignments	04.10.13
Technology & Society Group Presentations	04.15.13