NOTE to prospective students: This syllabus is intended to provide students who are considering taking this course an idea of what they will be learning. A more detailed syllabus will be available on the course Canvas site for enrolled students and may be more current than this sample syllabus.

Course Name: Social and Ethical Issues in Computer Science
Course Number: CS 391
Credits: 3

Course Description
In-depth exploration of the social, psychological, political, and ethical issues surrounding the computer industry and the evolving information society. (Bacc Core Course, 3 credits). Prerequisites CS 101 or computer literacy. This syllabus is for the online version, sec 400. This course fulfills the synthesis requirement for Science, Technology, and Society (STS).

Introduction
For people working in the advanced field of Computer Science, technological progress seems painfully slow. And yet, there are many who argue that the forces of technology are already too strong and changing the face of the earth too fast for society to cope. Given this polarity of thinking, your education demands a pause to confront the social, legal, and ethical issues presented to us by the problems and advances in the field, if we are to be socially responsible producers and consumers of technologies.

Technical Assistance
If you experience any errors or problems while in your online course, contact 24-7 Canvas Support through the Help link within Canvas. If you experience computer difficulties, need help downloading a browser or plug-in, or need assistance logging into a course, contact the IS Service Desk for assistance. You can call (541) 737-8787 or visit the IS Service Desk online.

Learning Resources

Note to prospective students: Please check with the OSU Bookstore for up-to-date information for the term you enroll (OSU Bookstore Website or 800-595-0357). If you purchase course materials from other sources, be very careful to obtain the correct ISBN.

Canvas
This course is delivered via Canvas, where you will interact with your classmates and your instructor. You will access the learning materials within the course site, such as the syllabus, class discussions, assignments, projects, and quizzes. To preview how an online course
Measurable Student Learning Outcomes
Upon completion of this course, students will be able to:

1. Analyze relationships among science, technology, and society using critical perspectives or examples from historical, political, or economic disciplines.
2. Analyze the role of science and technology in shaping diverse fields of study over time.
3. Explain the roles and responsibilities of a computer professional.
4. Articulate in writing a critical perspective on issues involving science, technology, and society using evidence as support.

Schedule of Essay Projects
Each project spans one or more weeks. Start by reading the appropriate articles and introduction, then complete the required research, writing, and peer review activities. Finish the project by completing an analysis and evaluation discussion in Canvas.

Due times and dates are located in Canvas. Check there for updates.

- Prepare to Succeed!  □  Week 1  □  10 points
  • Research and write about learning, research, writing, cyberbullying, and required tools.

- Devising an Ethical Framework  □  Week 2  □  20 points
  • Read about morals and ethics in the Computer Science industry, research and write about a current issue.

- Case Studies in Accountability  □  Weeks 3 and 4  □  35 points
  • Research and write about Case Studies (real or fictional) (20 points)
  • Review and collaborate with your peers to improve research and writing (5 points)
  • Evaluate and analyze peer synthesis projects. (10 points)

- Consequences of Diverse Hiring & Marketing  □  Weeks 5 and 6  □  45 points
  • Research and write about a company’s hiring and marketing strategy (20 points)
  • Review and collaborate with your peers to improve research and writing (5 points)
  • Evaluate and analyze peer synthesis projects. (20 points)

- The Journey of a Device  □  Weeks 7, 8, and 9  □  60 points
  • Research and write about the hardware, software, and access of a device (40 points)
  • Review and collaborate with your peers to improve research and writing (10 points)
  • Evaluate and analyze peer synthesis projects. (10 points)

- Dilemmas and the Professional Code of Ethics  □  Week 10 (Final)  □  25 points
  • Research and write about what you imagine will occur your future occupation, based on concepts learned throughout the course. (20 points)
  • Review and collaborate with your peers to improve research and writing (5 points)
• Extra credit supplemental essays are listed in some of the module's Analyze discussions.

**Evaluation of Student Performance**

OSU's definitions and guidelines for quarter credits imply that 90 hours of your time will be needed to read and understand the materials, participate in interactive activities, and complete projects for this 3-credit course (that's 9 hours per week).

A total of 195 points are possible to accumulate on research/writing, peer reviews, and analysis discussions. Assignments turned in past the deadline may be scored during the 'grace period', which is the time between when an assignment is due and when it gets scored (usually not more than 3 days). The order in which projects are scored is random. Scores result in the following grades:

- A = 175 to 195 points
- B = 156 to 174 points
- C = 136 to 155 points
- D = 117 to 135 points
- F = 0 to 116 points

**Course Policies**

**Incompletes**

Incompletes: I give Incomplete (I) grades only in emergency cases (usually only for a death in the family, major illness or injury, or birth of your child), and if the student has turned in 80% of the points possible (in other words, usually everything but the final project). If you are having any difficulty that might prevent you completing the coursework, please don’t wait until the end of the term to communicate with me; let me know right away.

**Guidelines for a Productive and Effective Online Classroom**

Students are expected to conduct themselves in the course (e.g., on discussion boards, email) in compliance with the university’s regulations regarding civility. Civility is an essential ingredient for academic discourse. All communications for this course should be conducted constructively, civilly, and respectfully. Differences in beliefs, opinions, and approaches are to be expected. In all you say and do for this course, be professional. Please bring any communications you believe to be in violation of this class policy to the attention of your instructor.

Active interaction with peers and your instructor is essential to success in this online course, paying particular attention to the following:

- Unless indicated otherwise, please complete the readings and view other instructional materials for each week before participating in the discussion board.
- Read your posts carefully before submitting them.
- Be respectful of others and their opinions, valuing diversity in backgrounds, abilities, and experiences.
- Challenging the ideas held by others is an integral aspect of critical thinking and the academic process. Please word your responses carefully, and recognize that
others are expected to challenge your ideas. A positive atmosphere of healthy debate is encouraged.

Statement Regarding Students with Disabilities
Accommodations for students with disabilities are determined and approved by Disability Access Services (DAS). If you, as a student, believe you are eligible for accommodations but have not obtained approval, please contact DAS immediately at 541-737-4098 or at http://ds.oregonstate.edu. DAS notifies students and faculty members of approved academic accommodations and coordinates implementation of those accommodations. While not required, students and faculty members are encouraged to discuss details of the implementation of individual accommodations.

Expectations for Student Conduct
Student conduct is governed by the university’s policies, as explained in the Student Conduct Code. Students are expected to conduct themselves in the course (e.g., on discussion boards, email postings) in compliance with the university’s regulations regarding civility.

Academic Integrity
Students are expected to comply with all regulations pertaining to academic honesty. For further information, visit Student Conduct and Community Standards, or contact the office of Student Conduct and Mediation at 541-737-3656.

OAR 576-015-0020 (2) Academic or Scholarly Dishonesty:
a) Academic or Scholarly Dishonesty is defined as an act of deception in which a Student seeks to claim credit for the work or effort of another person, or uses unauthorized materials or fabricated information in any academic work or research, either through the Student’s own efforts or the efforts of another.
b) It includes:
   i) CHEATING - use or attempted use of unauthorized materials, information or study aids, or an act of deceit by which a Student attempts to misrepresent mastery of academic effort or information. This includes but is not limited to unauthorized copying or collaboration on a test or assignment, using prohibited materials and texts, any misuse of an electronic device, or using any deceptive means to gain academic credit.
   ii) FABRICATION - falsification or invention of any information including but not limited to falsifying research, inventing or exaggerating data, or listing incorrect or fictitious references.
   iii) ASSISTING - helping another commit an act of academic dishonesty. This includes but is not limited to paying or bribing someone to acquire a test or assignment, changing someone’s grades or academic records, taking a test/doing an assignment for someone else by any means, including misuse of an electronic device. It is a violation of Oregon state law to create and offer to sell part or all of an educational assignment to another person (ORS 165.114).
   iv) TAMPERING - altering or interfering with evaluation instruments or documents.

This course is offered through Oregon State University Extended Campus. For more information visit: http://ecampus.oregonstate.edu.
v) **PLAGIARISM** - representing the words or ideas of another person or presenting someone else's words, ideas, artistry or data as one's own, or using one's own previously submitted work. Plagiarism includes but is not limited to copying another person's work (including unpublished material) without appropriate referencing, presenting someone else's opinions and theories as one's own, or working jointly on a project and then submitting it as one's own.

c) Academic Dishonesty cases are handled initially by the academic units, following the process outlined in the University's Academic Dishonesty Report Form, and will also be referred to SCCS for action under these rules.

**Tutoring and Writing Assistance**

NetTutor is a leading provider of online tutoring and learner support services fully staffed by experienced, trained and monitored tutors. Students connect to live tutors from any computer that has Internet access. NetTutor provides a virtual whiteboard that allows tutors and students to work on problems in a real time environment. They also have an online writing lab where tutors critique and return essays within 24 to 48 hours. Access NetTutor from within your Canvas class by clicking on the Tools button in your course menu.

The Oregon State Online Writing Lab (OWL) is also available for students enrolled in Ecampus courses.

**Student Evaluation of Courses**

The online Student Evaluation of Teaching system opens to students the Monday of dead week and closes the Monday following the end of finals. Students receive notification, instructions and the link through their ONID. They may also log into the system via Online Services. Course evaluation results are extremely important and used to help improve courses and the online learning experience for future students. Responses are anonymous (unless a student chooses to “sign” their comments, agreeing to relinquish anonymity) and unavailable to instructors until after grades have been posted. The results of scaled questions and signed comments go to both the instructor and their unit head/supervisor. Anonymous (unsigned) comments go to the instructor only.