Welcome to CS391

Welcome

Instructor: Carlos Jensen
- KEC 3031
- cjensen@eecs (put CS391 in subject or prepare to be ignored)
- Office hours: by appointment

TA: Kim Kaaz (Kaazk@eecs....)

Class mailing list: cs391-002-sp16@engr

Textbook: *Computers, Information Technology, the Internet, Ethics, Society and Human Values* by Philip Pecorino

You are responsible for any material presented in class, even if not covered by the textbook.
You are responsible for all assigned reading from the book, even if it is not discussed in class.
Students with Disabilities

Accommodations are collaborative efforts between students, faculty and Disability Access Services (DAS). Students with accommodations approved through DAS are responsible for contacting the faculty member in charge of the course prior to or during the first week of the term to discuss accommodations. Students who believe they are eligible for accommodations but who have not yet obtained approval through DAS should contact DAS immediately at 737-4098.

Student Conduct

- Link to Statement of Expectations for Student Conduct, i.e., cheating policies: http://oregonstate.edu/admin/stucon/achon.htm
- These rules will be strictly enforced
- Pay special attention to plagiarism section:
  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 Plagiarism includes but is not limited to copying another person’s work (including unpublished material) without appropriate referencing, presenting someone else's opinions and theories as one's own, or working jointly on a project and then submitting it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.
**Important Rules**

Attendance mandatory for 1st week
- **You will be dropped** if you are not here, or can give me an acceptable excuse – **strictly enforced**
- You can register again if there are free spots, but you may have to pay late registration fee
- After 1st week, attendance linked to participation

Be on time
- 50 min sessions very short, I will start on time, if you are late you won’t get a quiz etc.
- I’ll try to make it worth your while to be here on time

Participate
- This class requires you to engage others in discussion and keep up with current events

No laptops, cell phones, newspapers, etc.
- Laptop use generally a distraction, for you and for others
- **If you have a good reason for needing a laptop, come see me**
- If you don’t want to be here, no one is forcing you, be respectful
- I will post slides a day ahead of time so you can print and bring along

**Important Rules**

This class deals with controversial & sensitive topics
Measurable Student Learning Outcomes

At the completion of the course, students will be able to...

- Analyze relationships among science, technology, and society using critical perspectives or examples from historical, political, or economic disciplines.
- Analyze the role of science and technology in shaping diverse fields of study over time.
- Analyze a moral problem related to information technology from the point of view of a consequentialist ethical theory.
- Analyze a moral problem related to information technology from the point of view of a nonconsequentialist ethical theory.
- Explain the roles and responsibilities of a computer professional.
- Articulate in writing a critical perspective on issues involving science, technology, and society using evidence as support.

Why does this matter?
Measurable Student Learning Outcomes

At the completion of the course, students will be able to...

• Analyze relationships among science, technology, and society using critical perspectives or examples from historical, political, or economic disciplines.
• Analyze the role of science and technology in shaping diverse fields of study over time.
• Analyze a moral problem related to information technology from the point of view of a consequentialist ethical theory.
• Analyze a moral problem related to information technology from the point of view of a nonconsequentialist ethical theory.
• Explain the roles and responsibilities of a computer professional.
• Articulate in writing a critical perspective on issues involving science, technology, and society using evidence as support.

Why does this matter?

If you don’t know this at the end of term, hold me responsible.

Why do we have this course?

Why do we make all of you (in EECS) take it?
Course Content

- History
- Ethical frameworks
- Professional ethics
- Privacy
- Wiretapping and encryption
- Computer risks
- Intellectual property
- Constitution and civil liberties
- Computer crime
- Computers at work and school

Grading

- 3 papers (3 x 15 pts) – 22.5% of grade
- 1 midterm (50 pts) – 25% of grade
- 1 final (50 pts) – 25% of grade
- Summaries (45 pts) – 22.5% of grade
- Participation (10 pts) – 5% of grade

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-180</td>
<td>A</td>
</tr>
<tr>
<td>179-175</td>
<td>A-</td>
</tr>
<tr>
<td>174-170</td>
<td>B+</td>
</tr>
<tr>
<td>169-160</td>
<td>B</td>
</tr>
<tr>
<td>159-155</td>
<td>B-</td>
</tr>
<tr>
<td>154-150</td>
<td>C+</td>
</tr>
<tr>
<td>149-140</td>
<td>C</td>
</tr>
<tr>
<td>139-135</td>
<td>C-</td>
</tr>
<tr>
<td>134-130</td>
<td>D+</td>
</tr>
<tr>
<td>129-120</td>
<td>D</td>
</tr>
<tr>
<td>119-0</td>
<td>F</td>
</tr>
<tr>
<td>Week</td>
<td>Day</td>
</tr>
<tr>
<td>------</td>
<td>-------</td>
</tr>
<tr>
<td>W1</td>
<td>M-3/20</td>
</tr>
</tbody>
</table>
|      | W-3/21| History of computing  | Read: Ch 1
History of computing
Required watching: Memex, Xerox Star, Xerox and Apple
Recommended watching: The Mother of All Demos, Pirates of Silicon Valley |
|      | F-3/22| Assignment             |                                 |
| W2   | M-4/6 | Introduction to       | Read: Ch 2
Ethical Frameworks
F-4/10 |
|      | W-4/7 | Ethics in practice    |                                 |
|      | F-4/8 | Professional Ethics   |                                 |
| W3   | M-4/13| Assignment            |                                 |
|      | W-4/14| Ethics in practice    |                                 |
|      | F-4/15| Professional Ethics   |                                 |
| W4   | M-4/20| Assignment            |                                 |
|      | W-4/21| Ethics in practice    | Read: Ch 9
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
|      | F-4/22| Professional Ethics   |                                 |
| W5   | M-4/27| Assignment            |                                 |
|      | W-4/28| Intellectual Property | Read: Ch 4
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
|      | F-5/1 | Intellectual Property | Read: Ch 4
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
| W6   | M-5/4 | Open Source           |                                 |
|      | W-5/5 | Open Source           |                                 |
|      | F-5/6 | Open Source           |                                 |
| W7   | M-5/11| Networks and Society  | Read: Ch 5 & 6
Paper 2 due |
|      | W-5/12| Networks and Society  | Read: Ch 5 & 6
Paper 2 due |
|      | F-5/13| Networks and Society  | Read: Ch 5 & 6
Paper 2 due |
| W8   | M-5/18| Privacy & Security    | Read: Ch 7 & 8
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
|      | W-5/19| Privacy & Security    | Read: Ch 7 & 8
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
|      | F-5/20| Privacy & Security    | Read: Ch 7 & 8
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
| W9   | M-5/25| Memorial Day          |                                 |
|      | W-5/26| Memorial Day          |                                 |
|      | F-5/27| Memorial Day          |                                 |
| W10  | M-6/1 | Computers and        | Read: Ch 10
Society
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
|      | W-6/2 | Computers and        | Read: Ch 10
Society
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
|      | F-6/3 | Computers and        | Read: Ch 10
Society
Required watching: The Mother of All Demos, Pirates of Silicon Valley |
|      |       | Final review & summary |                                |