

Final Exam Information

CMPT 320

**Social Implications of a Computerized
Society**

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The Cheat Sheet

- You can use a cheat sheet.
- 1 (one) 8.5 x 11 sheet of notes for reference, both sides.
- No other aides.
- Material may be examined from
 - book. Not all sections from the book chapters are on the exam – remember to check the lecture schedule
 - assigned extra readings
 - lecture notes.

Format

- Roughly midterm + discussion questions, with each the same weight
- Part 1: similar to midterm in-person
 - 3-4 short answer questions
 - **not** cumulative, only topics after midterm
- Part 2: discussion questions **on-line**
 - 2 questions randomly selected
 - cumulative, should be able to put together different parts of the course

Format and Studying

- Multiple Choice
- Match Concepts
- Short Answer (like the review questions in the book)
- Discussion Questions

Discussion Questions

- Directions (from the exam draft)
- The questions below are more open-ended than those in part 1 and allow space for your own thoughts and opinions. However, I am looking for evidence that you have understood the course material and can draw on it in arguments. Some of the questions have components that are quite open-ended. Your answer does not have to include all the possible considerations. It is better to focus on two or so issues/ideas that you think are especially important and discuss them in more depth.

Topics Covered (I) not on final

- See Lecture Schedule for textbook sections covered and website for assigned readings.
- Privacy
 - Definition (3 aspects)
 - Risks and Threats
 - Fair Information Principles
 - Privacy Issues for Business
 - Privacy Issues for Government
 - Legal Concepts (e.g., reasonable expectation of privacy)
 - Privacy Tools
 - International Issues (e.g. EU right to be forgotten)
- Ethics
 - Ethical Principles and Frameworks
 - Utilitarianism, Deontology (rights-based), fairness
 - Social Contract Theory

Topics Covered (II) not on final

- Freedom of Speech
 - Free Speech as a negative right
 - free speech definition and principles
 - Broadcasters, common carriers, publishers: rights and responsibilities
 - Free Speech on-line.
 - Censorship and Anonymity.
 - Spam.
 - International Issues.
- Intellectual Property
 - Copyright and Patents
 - Ethical Justification for Intellectual Property
 - Fair Use Principles and Cases
 - Liability for Copyright Violations
 - Software Patents
 - Free Software

Topics Covered (III) on final

- Common Types of Computer Crime
 - Hacking
 - Identity Theft
 - Frauds and Scams
- Security Technology
- Impact of Computers on the Workplace
 - Flexibility, Reachability, Telecommuting
 - On-Demand Services
 - Employee Monitoring
 - ~~Employee Crime~~

Topics Covered (V) on final

- Impact of Computers on the Economy
- 4 schools of economics
 - classic market competition (Adam Smith)
 - Marxism
 - Keynesian demand-side economics
 - Schumpeter creative destruction
- Offshoring, outsourcing, automation
- Current Trends in Income Distribution and Productivity
- Natural Monopolies in the IT industry
- Advertising and The Attention Economy
- Computer Errors: Sources, solutions, responsibilities
(not on take-home)

Exam Logistics: In-Person

- **Please bring ID to the exam.**
- Be on time.
- No calculators, smartphones, textbook, notes.
- Read the instructions ahead of time – posted on the web.

Exam Logistics: On-Line

- Practice Exam is posted on canvas.
- Essentially the same as actual exam.
- Duration: 2 hours
- Available from 7 am to 6:30 pm W April 13
 - In-person part 7 pm W April 13