

# *Social Implications of a Computerized Society*

*Simon Fraser University*

*Spring Term 2022*

## **Tentative Lecture Schedule**

last update Jan 3, 2022

Week	Topic	Assigned Reading	Events
1	Introduction to course. Introduction to issues and problems. Benefits of computers.	<i>A Gift of Fire</i> , Chapter 1. Omit 1.2.1 and 1.4.	Syllabus handed out
	<b>Part I: Internet issues: Privacy, Copyright, Anonymity, Social Media</b>		
2	<u>Privacy</u> : new threats and issues. Consumer data and tracking. Government use of and personal data. Surveillance technologies.	AGF Ch 2. Omit “Paying For Consumer Information”; 2.2.3; “Noninvasive but deeply revealing searches”; 2.4.3, 2.4.4., 2.5.3.; 2.6.1;	
3	<u>Privacy</u> ctd.	No new readings	
4/5	<u>Intro to Ethics and Ad-Blocking</u> .	AGF, Ch 1.4 and 2.5.3.	
5/6	<u>Freedom of Speech</u> : Offensive speech, spam, sensitive information media. Anonymity. Web censorship.	AGF Ch. 3. Omit 3.2.3, 3.2.4, 3.4, 3.7	
6/7	<u>Intellectual Property</u> . Copyright and Patents. Music and Video Sharing.	AGF, Ch.4. Omit 4.2.2. 4.2.3, 4.3, 4.4.2	
8	<u>Computer Crime</u> .	AGF, Ch.5. Omit 5.2.3., 5.3.3., 5.3.4, “Authenticating users”, “Biometrics”, “Multifactor	<b>Midterm</b>

		Authentication”, 5.6.3, 5.7	
	<b>Part II: Computers in the Economy</b>		
9	Micro-level. Computers and the Workplace. Telecommuting, Employee Monitoring. The gig economy.	AGF, Chapter 6.3, 6.5	
10/11	Macro Economics. Automation, offshoring and outsourcing. The productivity paradox. Oligopolies, network effects, path dependency. The Attention Economy. Net neutrality.	AGF, Ch. 6.1, 6.2	
12	Ethics for IT Professionals. Software Responsibility and Computer Error.	AGF, Ch.8.1. Omit: <ul style="list-style-type: none"> <li>• “Voting Systems”</li> <li>• Sec. 8.1.5 (“healthcare.gov”)</li> <li>• “Attack on a Hospital”</li> <li>• Sec. 8.3.2.</li> </ul> Appendix A.1. Ch. 9.1., 9.2	
13	Final Exam Discussion		Term Paper is Due after classes end
	Final Exam Review Office Hour. TBA		
	Final Exam. <b>TBA</b>		Final Exam

April 11: SFU last day of classes