* **Chapter 2**
* 5 workable theories
* **Chapter 3**
* Challenges posed by the internet
* Censorship
* **Chapter 4**
* Justification for Property (Locke) and its application to IP
* Fair Use
* Open Source
* Creative Commons
* **Chapter 5**
* Pros and Cons of Privacy
* Prudential vs. Natural Rights
* Data mining
* Secondary uses of data
* **Chapter 6**
* Predictive policing vs. harms of profiling
* Financial services and privacy
* Arguments for/against national ID cards
* **Chapter 7**
* Virus vs. worm vs. trojan horse vs. backdoor trojan
* Phishing vs. spear phishing
* Pros vs. cons of online voting
* **Chapter 8**
* Verification vs. validation
* 4 step process to develop software
* Specification, development, validation, evolution
* **Chapter 9**
* Accreditation vs. licencing
* 8 principles of the software engineers code of ethics
* Principles vs. mechanical rules
* Whistleblowers
* De George’s 5 questions for whistleblowers
* 3 types of responsibility (causal, role, legal) and examples
* **Chapter 10**
* Digital divide
* Winner-take-all markets
* Technological diffusion (2 models)
* Pros and cons of telework
* Pros and cons of the gig economy
* Effects of employee monitoring
* Globalization
* Digital Divide
* **Fake News**
* Causes of fake news and examples
* Social Media and Fake News
* Most viewed fake news story of 2016
* **Extra Materials**
* Harm principle, pure paternalism, impure paternalism, moral paternalism (And examples). (ch.8)
* Social Rights (ch.8)
* Utilitarian vs. Kantian theories of punishment (ch. 9)
* 5 reasons for utilitarian punishment (ch. 9)

**Canadian Charter:** Everyone has the following fundamental freedoms:

1. freedom of conscience and religion;
2. freedom of thought, belief, opinion and expression, including freedom of the press and other media of communication;
3. freedom of peaceful assembly; and
4. freedom of association.

**Scenario 1:** Joan takes over as CEO of a cell-phone company, Xofo, that has become very popular. At the same time, people begin to pressure Xofo to stop doing business with a corrupt government that provides them with a rare mineral for gross human rights abuses in the mining sector. Joan can choose to use a different (more ethically sourced) mineral, but costs will go up and battery quality will go down. Also, a competitor of Xofo has started talks with the corrupt government to start getting the mineral. What should Joan do?

**Scenario 2:** Jack is a young computer hacker who hears a sad story about child abduction and wants to make a difference. He doesn’t meet the physical requirements to become a police officer and decides to hunt child predators on the internet. He impersonates child-predators online and then gains access to their system where he finds child-pornography and publishes their information online. Over a year, this leads to 23 arrests and convictions of child abusers. One of the people that he doxes turns out to be innocent (photos were taken by the computer’s previous owner) and the police begin to hunt the vigilante who is doxing people. Jack has the choice to turn himself in or stay in hiding. What should he do?