Ethical Issues in Computing

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CSC 120.02: Introduction to Computer Science

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Ethical Issues in Computing

1. Disparity in access to computers and networks
2. Cryptography and encryption
3. Illegal copying of copyrighted content and software
4. Privacy and networking
5. Bioinformatics and personal genetic information
6. HIPAA (Health Insurance Portability and Accountability Act) and the electronic distribution of medical information
7. Software patents
8. Availability of satellite information
9. Open source software development
10. Computer hoaxes and scams
11. Identity theft and impersonation
12. Microsoft antitrust case
13. Spam
14. Certification and licensing of computing professionals
15. Viruses, trojan horses, worms
16. Deep linking and image inlining
17. Cybersquatting
18. Netiquette

Material Covered in This Course

1. Chapter 1, except Section 1.2, The History of Computing
2. Chapter 2
3. Chapter 3
4. Chapter 4, except Section 4.3, Constructing Gates (Transistors)
5. Chapter 5, except the subsection on Touch Screens (pp. 135-137)
6. Chapter 6
7. Chapter 7
8. Chapter 8 + Elementary Java programming
9. Chapter 9
10. Chapter 10
11. Chapter 11
12. Chapter 12
13. Chapter 15
14. Chapter 16
15. Chapter 17