

CSE 3801 Professional Practices & Ethics
Course Material

[A Sample Syllabus](#)

Module Links:

Module 1: Introduction

2017 trends in computing: <https://www.youtube.com/watch?v=ymwriYKj7h0>

Additional trends: <https://www.youtube.com/watch?v=9We3V3WzNTI>

Definitions of Ethics in Computing:

https://en.wikipedia.org/wiki/Computer_ethics

Impacts of Computing – Global Perspective:

<https://www.technologyreview.com/s/530566/the-impact-of-the-internet-on-society-a-global-perspective/>

Impacts of computing – individuals: <http://www.wisenepali.com/2014/11/positive-and-negative-impact-of.html>

Module 2: Privacy

Online Privacy: <https://www.youtube.com/watch?v=sIFfYxgDpRo>

Privacy: https://www.youtube.com/results?search_query=privacy+and+computing

Privacy & Cloud Computing: https://www.brookings.edu/wp-content/uploads/2016/06/1026_cloud_computing_friedman_west.pdf

Module 3: Freedom of Speech

1st Amendment Information: <http://constitution.findlaw.com/amendment1.html>

Freedom of speech & Communism:

<https://cs.stanford.edu/people/eroberts/cs201/projects/communism-computing-china/censorship.html>

Freedom of Speech and computing: <http://volokh.com/2012/06/21/freedom-of-speech-and-information-produced-using-computer-algorithms/>

How computers Benefit Society:

<http://www.rasmussen.edu/degrees/technology/blog/ways-computer-science-benefits-society/>

Module 4: Intellectual Property

Intellectual Property: https://www.youtube.com/watch?v=Od5gQNnD_8Y

Intellectual Property and You: <https://www.youtube.com/watch?v=EQsZf2G4Sdc>

Intellectual Property Definition:

<http://www.ohio.edu/people/tl303308/intellectual-property1.html>

Intellectual Property Rights in Software: <http://www.freibrun.com/intellectual-property-rights-software-protect/>

Module 5: Computer Crime

Top 10 Computer Crimes: <https://www.youtube.com/watch?v=m0iaRn2WwPw>

Computer Crimes: https://www.youtube.com/watch?v=AuYNXgO_f3Y

Laws on Computer Crime: <https://www.youtube.com/watch?v=k7Jl9g8x7J4>

Computer Crime & FBI: <https://www.fbi.gov/investigate/cyber>

Computer Crime & Law Definitions: <http://criminal.findlaw.com/criminal-charges/computer-crime.html>

Module 6: The Workplace

Surveillance and PRISM: <https://www.youtube.com/watch?v=JR6YyYdF8ho>

Surveillance and Terrorism: https://www.youtube.com/watch?v=V9_PjdU3Mpo

Cans and Can'ts of Workplace Surveillance:

<https://www.youtube.com/watch?v=8gS0Ozu31k8>

Workplace Monitoring: <https://www.youtube.com/watch?v=z8NZpENmBE0>

Workplace & Privacy Rights: <https://www.privacyrights.org/consumer-guides/workplace-privacy-and-employee-monitoring>

Module 7: Controlling Technology

Evaluating Technology for Education:

<http://techpudding.com/2011/04/04/checklist-for-evaluating-technology-software-and-applications/>

Technology Evaluation: <http://www.thethinkingstick.com/evaluating-technology-use-in-the-classroom/>

5 Steps in Evaluating Technology:

<http://www.computerworld.com/article/2474256/data-center/5-steps-for-evaluating-your-it-infrastructure.html>

Evaluating Network Technology:

<https://www.youtube.com/watch?v=w233obgljUo>

IT and Cloud Investment: <https://www.youtube.com/watch?v=pvsnRKC2Y-8>

Module 8: Errors, Risks and Failures

How to prevent failure: <http://www.wikihow.com/Prevent-Computer-Failure>

Therac-25: <https://en.wikipedia.org/wiki/Therac-25>

Computer Failures: <http://articles.latimes.com/keyword/computer-failures>

Computer Failure DMV: <https://www.youtube.com/watch?v=YZ9bAIllyCCU>

Module 9: Professional Ethics and Codes

Computer Codes of Ethics: https://en.wikipedia.org/wiki/Computer_ethics

Professional Codes of Ethics:

https://en.wikibooks.org/wiki/Ethics_for_IT_Professionals/Professional_Code_of_Ethics

Comparison of Codes of Ethics:

<https://pdfs.semanticscholar.org/f561/00328666a067e6bc38706840d75bb38d16ec.pdf>

Professor Gotterbaum: <https://www.youtube.com/watch?v=d91MTV9AlNg>

Online Textbook links:

History of Ethics:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-3-Ethics/ch-3-Content.html

Intro to Ethics:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-1-Introduction/Content.html

Privacy:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-6-Privacy/Content.html

Freedom of Speech:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-4-Law/Content.html

Intellectual Property:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-5-Intellectual-Property/Content.html

Computer Crime:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-8-Crime/Content.html

Workplace:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-7-Secrecy-Security/Content.html

Controlling Technology and Accountability:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter9-IT-Accountabilty/Content.html

Errors, Failures and Risks:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-13-AI-Being-Human/Content.html

Professional Codes:

http://www2.sunysuffolk.edu/pecorip/SCCCWEB/ETEXTS/CISESHV_TEXT/Chapter-10-IT-Professions-Codes/Content.html