**Lecture 3a/Chapter 9 Professional Ethics review**

1. What do we expect from a professional and what are the characteristics of a profession?

* Expectations
  + Competence (correct diagnosis)
  + Act in best interest of client
* Characteristics
  + Requires education
  + Requires practical experience
  + Full time and pays well
  + Has a code of ethics

1. The process to determine competence in a particular profession is called ----------

* Certification

1. The process that gives someone the legal right to practice a profession is called -------

* Licensing

1. Which two organizations developed The Software Engineering Code of Ethics and Professional Practice?

* Computer Group
* ACM (Association for Computing Machinery)

1. Name four of the eight ethical principles in the SECE

* Public
  + Best interest of public
* Employer
  + Act in best interest of employer
* Co-workers
  + Treat everyone fairly
  + Give credit
  + Seek help
* Self
  + Continually improve
  + Encourage others to uphold principles
  + Speak up against ethical im-practices
  + Uphold high standards
  + Disclose COI
  + Disclose danger
  + Recuse

1. Define a conflict of interest and give an example of a situation involving a conflict of interest

* Loyalty to more than one party
* Situation of bias
* You work at a production company looking for a contractor to complete a job. You find a very capable contractor and it would be in your company’s best interest to hire them. But the contractor is also related to you, making it to your personal benefit to hire them as well.

1. How do you deal with conflicts of interest situations?

* Disclosure, recusal, avoidance is the best policy
* Know employers COI policy

Conflict of interest (university environment) (~7:30 min)

<http://www.youtube.com/watch?v=bp5oodxGbdg&list=PLD2483D918D923283>

Examples: 1- TA/Grader

2- Faculty owning part of a company and in charge of a project sponsored by that company

3- Faculty consulting for a company and doing research on a project sponsored by that company.

4- Faculty using University facilities to work on personal or other job projects

Short Answer question

1. Are there two different ethical standards for personal and professional conduct? Explain
   1. No, ethical behavior in workplace is ethical in personal life
2. As a way to improve productivity, the CIO of a company told his team to announce to employees that their computer use will be monitored. In reality, the CIO knows that the company does not have the resources and has no plan to implement any monitoring. You work for the CIO and was told not to reveal that fact. Is such an announcement ethical?
   1. No, manipulating employes is untruthful and can lead to a lack of trust.