

## Lecture 17: Policy and Management

*Date:* November 8, 2013

*Homework Due:* Nov. 20 at 5:00pm

1. Midterms: average (mean) was 73
2. Security policy
  - a. Set of rules describing what is allowed and what is not allowed
  - b. Soundness, completeness, and precision
  - c. In practice, developed to meet specific needs of organization
3. Developing a policy
  - a. Who does this, especially in an organization with multiple organizational units
  - b. Requirements analysis
  - c. Turning them into policy
  - d. Communicating the policy to others
4. Real-life problems
  - a. Policy incompleteness
  - b. Dynamic vs. static policies
  - c. Incorrect or contradictory policy rules
5. Management
  - a. Ensuring that the policy is carried out correctly
6. Problems
  - a. Enforcement mechanisms may not be able to enforce policy exactly
  - b. Policy may be enforced poorly
  - c. Policy and/or enforcement mechanisms may conflict with work goals
7. Users and policy
  - a. Are users the enemy?
  - b. How are exceptions handled?
  - c. Fairness in general
8. First example: UC and UC Davis email policy
9. Second example: “Big data”, government and corporate interests, peoples’ interests