Outline: Lecture 11

Date: May 3, 2011
Topic: E-Voting and Elections

1. Goals of voting
    a. Accuracy of count
    b. Integrity of ballot
    c. Privacy of voter (both from vote selling and from observation)
    d. Auditability
    e. Usability, both by voters and by election staff
    f. Other requirements
2. Overview of process in Yolo and Marin Counties
3. Where electronic voting systems come in: how they work
    a. Optical scanning systems
    b. Ballot marking devices
    c. Direct recording electronic devices
    d. Vote tabulation servers
4. Safeguards
    a. L&A testing before distribution
    b. 1% mandatory manual recount
    c. Voter-verified paper audit trails
5. The U. S. and California certification process
    a. HAVA
    b. FEC certification guidelines
    c. State rules and tests
6. Tests and problems
    a. Johns Hopkins paper
    b. RABA study
    c. Florida CD-13 election
    d. California top-to-bottom review
7. Internet voting