

## Outline for February 5, 2008

*Reading:* [BB07]; [Bi07b]; [BW07]; [Ra04]

*Lecture Outline*

1. History
  - a. Why electronic voting systems?
  - b. Diebold and the Johns Hopkins paper
  - c. RABA study
  - d. Other studies
  - e. The addition of VVPATs
  - f. California top-to-bottom review
2. How an election works
  - a. Before the election: voter registration, ballot preparation, poll worker training, logic and accuracy testing
  - b. During the election: deploying the machines, voters casting ballots, troubleshooting, provisional balloting
  - c. Counting: bringing the ballot boxes/cards to Election Central, scanning paper ballots, reading cards
  - d. After the election: the 1% (or more) audit
3. Certification of systems
  - a. The certification process
  - b. Federal standards
  - c. What states do
4. What are the problems?
  - a. What are the requirements?
  - b. How do the standards reflect these requirements?
  - c. How well do the ITAs test the systems?
  - d. What are the operational problems?
5. The future
  - a. Effect of the California top-to-bottom review
  - b. Internet voting