

Lecture 22: Elections and Electronic Voting

Date: November 18, 2013

Homework Due: Nov. 20 at 5:00pm

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