

## Outline for January 22, 2016

**Reading:** *text*, §4, [1]

**Assignments due:** Presentation paper selection, Jan. 22  
Project selection, Jan. 22  
Homework 1, due January 25

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1. Policy
  - a. Sets of authorized, unauthorized states
  - b. Secure systems in terms of states
  - c. Mechanism vs. policy
2. Types of Policies
  - a. Military/government vs. confidentiality
  - b. Commercial vs. integrity
3. Types of Access Control
  - a. Mandatory access control
  - b. Discretionary access control
  - c. Originator-controlled access control
4. High-level policy languages
  - a. Characterization
  - b. Example: Ponder
5. Low-level policy languages
  - a. Characterization
  - b. Example: *tripwire* configuration file