Lecture 6: April 10, 2026

Reading: *text*, §4.5–4.6, 5.1–5.2.2, 5.3, G **Due:** Homework 1, due April 10, 2026

1. Greetings and felicitations!
2. Trust
3. High-level policy languages
   (a) Characterization
   (b) Example: Ponder
4. Low-level policy languages
   (a) Characterization
   (b) Example: tripwire
5. Example policies
   (a) UC Davis Allowable Use Policy
      i. Rights and responsibilities
      ii. Privacy
      iii. Enforcement
      iv. Unacceptable conduct
   (b) University Electronic Communications policy
      i. General provisions
      ii. Allowable use
      iii. Privacy and confidentiality
      iv. Security
      v. Retention and disposition
   (c) User advisories
   (d) UC Davis implementation
6. Goals of confidentiality policies
7. Bell-LaPadula Model with levels only
   (a) Security levels
   (b) Simple security property
   (c) *-property
   (d) Discretionary security property
   (e) Simplified version of the Basic Security Theorem
8. Full Bell-LaPadula Model
   (a) Add in compartments
   (b) *dom* relation
   (c) BLP as lattice structure
   (d) Simple security property
   (e) *-Property
   (f) Discretionary security property

(g) Basic Security Theorem