

## Outline for September 29, 2021

**Reading:** *text*, §5.2–5.2.1, A

**Assignments:** Homework 1, due October 6; Project selection, due Oct 8

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1. 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
2. Lattices
3. 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
4. Range of levels