

## January 17, 2024 Outline

**Reading:** *text*, §3.4–3.6;

**Assignments:** Homework #1, due January 19; Project selection, due January 26

---

### Module 10 (Reading: *text*, §3.4)

1. Schematic Protection Model
  - (a) Protection type, ticket, function, link predicate, filter function
  - (b) Take-Grant as an instance of SPM
  - (c) Create rules and attenuation
  - (d) Definitions
  - (e)  $path^h$  predicate
  - (f) Capacity flow function
  - (g) Maximal state: definition, existence, derivability
2. Acyclic attenuating schemes and decidability

### Module 11 (Reading: *text*, §3.5–3.5.3)

3. Expressive power
  - (a) SPM and HRU

### Module 12 (Reading: *text*, §3.5.4)

4. Typed access control model (TAM)