

## Lecture 2: April 1, 2026

**Reading:** *text*, §15.1–15.5

**Due:** Homework 1, due April 10, 2026

---

1. Greetings and felicitations!
2. Identity
  - (a) Principal and identity
  - (b) Role of authentication
3. Files and objects
  - (a) Path names
  - (b) File descriptors
  - (c) Objects on networked, distributed systems
4. Users
  - (a) Names
  - (b) UIDs and all that
  - (c) Groups and roles
5. Certificates
  - (a) What are they
  - (b) Distinguished Names
  - (c) Certification authorities (CAs)
  - (d) Registration authorities (RAs)
  - (e) Persona certificates