Lecture 5 Outline

April 11, 2018

Reading: [1] (see syllabus); §4.1–4.4   **Assignments:** Homework 1, due on Apr. 11, 2018 at 11:59pm
Lab 1, due on Apr. 20, 2018 at 11:59pm

1. Greetings and felicitations!
2. Robust library
    a. Interface
    b. Internal structures
    c. Tokens and their generation and analysis
    d. Functions
3. Policy
    a. Sets of authorized, unauthorized states
    b. Secure systems in terms of states
    c. Mechanism vs. policy
4. Types of Policies
    a. Military/government vs. confidentiality
    b. Commercial vs. integrity
5. Types of Access Control
    a. Mandatory access control
    b. Discretionary access control
    c. Originator-controlled access control