March 8, 2019 Outline

Reading: *text*, §18, 9   **Assignments:** Homework 4, due March 8, 2019

1. Capacity
   a. When is bandwidth of covert channel?
   b. Analysis
   c. Measuring capacity
2. Mitigating covert channels
   a. Preallocation and hold until process terminates
   b. Impose uniformity
   c. Randomize resource allocation
   d. Efficiency/performance vs. security
3. Overview of policy composition
4. Deterministic noninterference
   a. Model of system
   b. Example
   c. Relationship of output to states