February 22, 2019 Outline

**Reading:** text, §9.1, 17

**Assignments:** Homework 3, due February 22, 2019

1. Basic policy composition
2. Non-transitive policies
   a. Dual mappings
   b. Theorem: a dual mapping from a reflexive information flow policy into an ordered set is order-preserving
3. Compiler-based flow mechanisms
   a. Scalar declarations
4. Compiler-based flow mechanisms
   a. Scalar declarations
   b. Array declarations
   c. Assignment statements
   d. Compound statements
   e. Conditional statements
   f. Iterative statements
   g. Goto statements
   h. Procedure calls
   i. Exceptions and infinite loops