February 21, 2023 Outline

Reading: text, §20.1–20.2

Assignments: Homework #3, due February 23

1. Assurance
   (a) Assurance and software life cycle

2. Policy and requirements
   (a) Security specifications
   (b) Problems with precision
   (c) Example: System X and Bell-LaPadula
   (d) Justifying requirements

3. Design documents
   (a) Security functions summary specification
   (b) External functional specification
   (c) Internal design description

4. Justifying design meets requirements