

May 1, 2026 Outline

Reading: *text*, §20

Due: Homework #3 due May 11; Project progress report, due May 11

1. Build-in vs. add-on security
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
 - (a) Reviews
5. Techniques to support implementation assurance
 - (a) Implementation considerations
 - (b) Implementation management
 - (c) Testing
6. Operation and Maintenance Assurance