

January 22, 2024 Outline

Reading: *text*, §4.1–4.6, 5.1–5.2.1, Appendix A

Assignments: Extra Credit #B, due January 30; Homework #2, due February 2; Project selection, due January 26

Module 13 (Reading: *text*, §4.1–4.4)

1. Policy and models
2. Policy vs. mechanism

Module 14 (Reading: *text*, §4.5–4.6)

3. Policy languages

Module 16 (Reading: *text*, §Appendix A)

4. Lattices

Module 17 (Reading: *text*, §5.1–5.2.1)

5. Bell-LaPadula Model: intuitive, security classifications only
 - (a) Level, categories, define clearance and classification
 - (b) Simple security condition (no reads up), *-property (no writes down), discretionary security property
 - (c) Basic Security Theorem: if it is secure and transformations follow these rules, it will remain secure