

February 23, 2024 Outline

Reading: *text*, §9.2.2–9.5.1

Assignments: Homework #4, due March 5, Extra Credit #D, due February 23

Module 37 (Reading: Access Control Matrix, Revisited)

1. Access Control Matrix interpretation
 - (a) Model
 - (b) ACM conditions
 - (c) Policy conditions
 - (d) Result

Module 38 (Reading: Generalized Noninterference)

2. Policies that change over time
 - (a) Generalization of noninterference

Module 39 (Reading: Policy Composition)

3. Policy composition

Module 40 (Reading: Nondeducibility)

4. Nondeducibility
 - (a) Event system
 - (b) Deducibly secure
 - (c) Composing deducibly secure systems
5. Generalized noninterference
 - (a) Assumptions and nondeducibility
 - (b) Composing generalized noninterference systems

Module 41 (Reading: Restrictiveness)

6. Restrictiveness
 - (a) Feedback-free systems