

February 26, 2024 Outline

Reading: *text*, §9.5–9.6, 19

Assignments: Homework #4, due March 5; Extra Credit #E, due March 4

Module 41 (Reading: Restrictiveness)

1. Restrictiveness
 - (a) Feedback-free systems
 - (b) State machine model
 - (c) Composing restrictive systems

Module 42 (Reading: Side Channels)

2. Side channels
 - (a) Passive attacks
 - (b) Active attacks

Module 43 (Reading: Introduction to Assurance)

3. Assurance
 - (a) Trustworthy entities
 - (b) Security assurance
 - (c) Trusted system
 - (d) Why assurance is needed
 - (e) Requirements
 - (f) Assurance and software life cycle