

Outline for May 29, 2013

Reading: §19, 21

Assignments due: Homework #5, due June 6, 2013

1. Techniques to support design assurance
 - a. Subsystem, subcomponent, module
2. Design documents
 - a. Security functions summary specification
 - b. External functional specification
 - c. Internal design description
3. Justifying design meets requirements
4. Evaluating systems
 - a. Trusted Computer Security Evaluation Criteria (TCSEC. Orange Book)
 - b. FIPS 140
 - c. Common Criteria (CC)
 - d. System Security Engineering Capability Maturity Model (SSE-CMM)