

Outline for April 26, 2006

Reading: text, §7.2—7.4

1. Greetings and felicitations!
 - a. Office hours changed, due to talk at noon
 - b. **Bad** typo in book relevant to homework; in Definition 3—21, number 3, it should be $\tau(\mathbf{X})$, not $\tau(\mathbf{Y})$
2. CISS
 - a. Intended for medical records; goals are confidentiality, authentication of annotators, and integrity
 - b. Patients, personal health information, clinician
 - c. Assumptions and origin of principles
 - d. Access principles
 - e. Creation principle
 - f. Deletion principle
 - g. Confinement principle
 - h. Aggregation principle
 - i. Enforcement principle
 - j. Comparison to Bell-LaPadula: lattice structure but different focus
 - k. Comparison to Clark-Wilson: specialization
3. ORCON
 - a. Originator controls distribution
 - b. DAC, MAC inadequate
 - c. Solution is combination
4. Role-based Access Control (RBAC)
 - a. Definition of role
 - b. Partitioning as job function
 - c. Containment