# Outline for April 12, 2013

**Reading:** §3.4                                   **Assignments due:** Homework #1, due April 12, 2013

1. Schematic Protection Model
    a. Protection type, ticket, function, link predicate, filter function
    b. Take-Grant as an instance of SPM
    c. Create rules and attenuation
2. Safety analysis
    a. Definitions
    b. $path^h$ predicate
    c. Capacity flow function
    d. Maximal state: definition, existence, derivability
3. Acyclic attenuating schemes and decidability
4. Expressive power
    a. SPM and HRU
    b. ESPM and multiparent create
    c. Simulation and expressiveness