Lecture 3 Outline

**Reading:** text, §3.3, 3.4

1. *de facto* rules
   a. \( can\text{•}know(x, y, G_0) \)
   b. \( rw\text{-terminal, } rw\text{-initial spans} \)
   c. Connections
   d. Necessary and sufficient conditions for \( can\text{•}know(x, y, G_0) \) to hold

2. 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

3. Safety analysis
   a. Definitions
   b. \( path^h \) predicate, capacity flow function
   c. Capacity
   d. Maximal state