Week 3
Security Models

School of Information Studies
SYRACUSE UNIVERSITY

Security Models

- Typically, a security policy is expressed in a natural language
  - If the policy is complex, it can be vague or ambiguous
- Some security policies are described in models that:
  - Logically or mathematically provide clear understanding of the policy
  - Express the policy in formal or mathematical terms.
    - Diagrams, charts, formal languages, etc.
- Initially, the research was funded by DoD