



# Auditing Evaluation

## Lecture 12

**Nov 29, 2005**



# What is Auditing?

- Logging
  - Recording events or statistics to provide information about system use and performance
- Auditing
  - Analysis of log records to present information about the system in a clear, understandable manner



# Auditing goals/uses

- User accountability
- Damage assessment
- Determine causes of security violations
- Describe security state for monitoring critical problems
  - Determine if system enters unauthorized state
- Evaluate effectiveness of protection mechanisms
  - Determine which mechanisms are appropriate and working
  - Deter attacks because of presence of record