

Outline for November 29, 2005

Reading: "Spam Scams," OnGuard Online (Sep. 2005).

1. Safety on the Web: Email
 - a. Attachments, worms, and viruses
 - b. Spam
 - i. Joe jobs
 - ii. Relaying through third parties
 - iii. Zombies
 - c. Anti-spam technologies
 - i. Authentication and authorization services
 - ii. Reputation services
 - iii. Challenge-response
 - iv. Port blocking and rate limiting
 - v. Preventing relaying
 - vi. Spam filtering
 - vii. Image blocking
 - d. Phishing
2. Assurance
 - a. Trustworthy entities
 - b. Security assurance
 - c. Trusted system
 - d. Why assurance is needed
 - e. Requirements
 - f. Assurance and software life cycle