InfoSec Ethics

≡ Name	Lecture 3
☑ Review	☐

Types of Cybercrime

cybertrespass 网络入侵

cyber vandalism 网络破坏

computer fraud 电脑诈欺

cyberterrorism 网络恐怖主义

Hacker

white hat hackers

test system security(identify vulnerability)

defender regarding targets, attacker is known, defender provide invitation

black hat hackers

breach internet security and gain unauthorized access

destroy/harm system

result of envy or for profit, access is illegal

grey hat hackers

employed, working to collect bug bounties through testing systems without authorization, yet seeking not to damage the systems but rather to enrich himself by collecting rewards for identifying system vulnerabilities

Web Scraping

use program to simulate human browse web

Ransomware attack

malware that can be secretly loaded onto a computer.

Infection, Attack, Extort, Spread

Prevention & Preparation

Information Security

confidentiality:

integrity

availability

SECURE

Standardization, Effectiveness, Clearness, Unique Identification, Recovery, Efficiency