

Threats to Information Security Part I

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Course Outline

> **Unit 1: What is a Security Assessment?**

- Definitions and Nomenclature

Unit 2: What kinds of threats exist?

- Malicious Threats (Viruses & Worms) and Unintentional Threats

Unit 3: What kinds of threats exist? (cont'd)

- Malicious Threats (Spoofing, Session Hijacking, Miscellaneous)

Unit 4: How to perform security assessment?

- Risk Analysis: Qualitative Risk Analysis

Unit 5: Remediation of risks?

- Risk Analysis: Quantitative Risk Analysis

Threats to Information Security

Outline for this unit

Module 1: Malicious Code: Viruses

Module 2: Malicious Code: Worms and Variants

Module 3: Malicious Attacks

Module 4: Unintentional Threats