Mid-term 3 Study Guide Version 1

CS 465, Winter 2005

**Buffer Overflow Attacks**

Class discussions and StackGuard paper (required reading!)
NOP sled

**Secrets and Lies, Schneier, Chapters 10-13**

**Network Security Essentials – Stallings, Chapters 10, 11**

Chapter 10.1

Viruses and Related Threats

Lecture slides on malicious software

Chapter 11

Firewalls

See lecture slides

**Concepts I May Review from earlier exams**

Kerberos V54 or V5
- review each item in Kerberos messages and know what they mean!!!
- I will give you either Table 4.1 or 4.3

TLS
- Know client and server authentication for the RSA key exchange method!!!
- I will provide Figure 7.6 (minus the text comments on the right hand side)
- Session resumption
- Key block material

HMAC
- Definition and message extension attack