

**CS772/872: Computer and Network Security**  
**Fall 2009**  
**Guidelines for Examination II**  
**Open book, open notes**  
**Points: 125**

Date: November 14, 2009  
Time: 8:30-11:30am  
Place: Testing center (Goronto Building, 1<sup>st</sup> floor)  
Points: 125  
Questions: 5

The exam covers the following topics:

IP-sec Chapters 17-18 + slides (Day 6)  
SSL + Chapter 19, PKI Slides + Chapter 15(Day7)  
PGP+ Chapter 22, E-mail security (Chapters 20-21)  
Cookies, web issues (Chapter25-26)

In addition, the following 4 papers will be selected from the student presentations.

- (1) Multi-level intrusion detection (IDS) by Nitin Bande  
[http://ieeexplore.ieee.org/xpls/abs\\_all.jsp?arnumber=4550834](http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4550834)
- (2) Multivariate Statistical Analysis for Network Attacks Detection by Nitin Nimran  
[http://www.ece.arizona.edu/~hpdc/projects/nvat/nvat\\_ua\\_aiccsa.pdf](http://www.ece.arizona.edu/~hpdc/projects/nvat/nvat_ua_aiccsa.pdf)
- (3) **An analysis of how antivirus methodologies are utilized in protecting computers from malicious code by Ken Lusk,**  
<http://portal.acm.org.proxy.lib.odu.edu/citation.cfm?id=1107622.1107655&coll=ACM&dl=ACM&CFID=55248843&CFTOKEN=73688460>
- (4) Securing DNS Extending DNS Servers with a DNSSEC Validator by Matthias Prellwitz,  
<http://ieeexplore.ieee.org.proxy.lib.odu.edu/stamp/stamp.jsp?tp=&arnumber=5280129&isnumber=5280117>