

CPSC4166 COURSE SCHEDULE

Tentative Topic Schedule

(The due date is tentative and subject to change. For exact due date and time, please refer to D2L)

Week	Topics	Lab/Quiz	Notes
1 (Jan.22-27)	Class Introduction Module 1: Introduction to Intrusion Detection and TCP/IP basics PPT Slides: 1-30		Module 1
2(Jan.28-Feb.3)	Module 1: Slides 31-83	Quiz 1	Module 1
3(Feb. 4-10)	Module 2: Network Traffic Sniffing and Analysis PPT slides: 1-50	Lab 1	Module 2
4(Feb. 11-17)	Module 2 (50-70), and Module 3: Analyzing Network Traffic to Detect Intrusion (1-20)	Quiz 2	Module 2 Module 3
5(Feb.18-24)	Module 3 PPT slides: 21-52	Lab 2	Module 3
6(Feb.25-Mar. 3)	Module 4: Using Snort to Detect Intrusion	Quiz 3	Module 4
7(Mar.4-10)	Module 4, and Module 5: Snort Demo	Midterm Exam Lab 3 (Module 1 to Module 3) Close book onsite test	Module 4 Module 5
8(Mar.11-17)	Midterm Exam feedback Module 5	Quiz 4 Lab 4	Module 5
9(Mar.18-24)	Spring Break (no class)		
10(Mar.25-31)	Module 6: Stepping-stone Intrusion Detection (slides: 1-40)	Quiz 5	Module 6
11(Apr. 1-7)	Module 6: slides 41-76 Module 7: Packet Matching and round-trip time (slides: 1-10)	Lab 5	Module 6 Module 7
12(Apr.8-14)	Module 7: slides 11-51	Quiz 6 Lab 6	Module 7
13(Apr.15-21)	Module 8: Intrusion Infrastructure PPT slides: 1-60	Quiz 7 Lab 7	Module 8
14(Apr.22-28)	Module 8: PPT slides 61-116	Quiz 8 Lab 8	Module 8
15(Apr.29-May. 6)	Final Exam Study Guide		
16 (May 7-13)	Reading day Final Exam Week Final Exam time (TBA)	Final Exam Close book, onsite, comprehensive test including all the modules covered with 30% before midterm exam, and 70% after midterm exam	