Introduction to Computer Networks CSC358 - Spring 2014

Lectures: Thursdays 3-5pm
Tutorials: M 10-11am
Instructor: P. Marbach (email: marbach@cs.toronto.edu)
Office hour: Wednesdays 5-6pm
Office: BA5232
Course Web Page: http://www.cs.toronto.edu/∼marbach/csc358_S14.html

Text Book: "Computer Networking: A Top-Down Approach Featuring the Internet"; J. F. Kurose and K. W. Ross. Addison Wesley.

Tutorials:

TBA

Schedule for Assignments and Midterm:
Assignment 1:   Due Monday, Jan. 27, 10am (in tutorial)
Assignment 2:   Due Monday, Feb. 10, 10am
Assignment 3:   Due Monday, Feb. 24, 10am
Midterm :   Monday, March 3, in Tutorial
Assignment 4:   Due Monday, March 17, 10am
Assignment 5:   Due Monday, March 31, 10am

Grading Scheme:
Written Assignments 1-5:   25% (5% each)
Midterm: 25%
Final: 50%

Assignments: There are five written assignments and weekly reading assignments. All assignments are available on the Web. Note the due date and time!! Late assignments will not be accepted, and will be given a grade of 0. Requests for reconsidering the marking of a written assignment must be submitted in written form within one week after the assignment has been returned. **The work that you submit must be your own, done without participation of others**.

Midterm and Final: The midterm will be held in the tutorial. For the midterm and final, you will be responsible for the material covered in the lectures and tutorials, as well as in the reading assignments. If you miss the midterm, you will receive a mark of 0. Requests for reconsidering the marking of the midterm must be submitted in written form within one week after the midterm has been returned.

Course Topics: The course focuses on the fundamental principles of computer networks. It will present you the theory behind the design of computer networks. In order to be successful, you have to have a solid background in basic probability theory (random variables, expectations, binomial/Poisson/exponential distributions). Topics covered in the course include:
Layered Network Architecture, ARQ Retransmissions Mechanism, Delay Models for Computer Networks, Multi-access Networks, Routing, Flow Control, Local Area Networks, Quality-of-Service

Announcements: Announcements will be available on the Web page. Check the Web page regularly - don't believe rumors!!!!