

Introduction to Computer Networks CSC358 - Spring 2010

Instructor: Mahdi Lotfinezhad (email: mahdi@cs.toronto.edu)

Lectures: MW 10-11am SS2127

Tutorials: F 10-11am SS2127

Office hour: MW 11am-12pm

Office: BA2200

Course Web Page: Available on Blackboard (needs UTORid for login)

Text Book: "Computer Networking: A Top-Down Approach"; J. F. Kurose and K. W. Ross. Addison Wesley, 5th Edition.

Submission Schedule for Assignments and Midterm Date and Time:

Assignment 1: Friday Jan. 22, 10am (in SS2127)
Assignment 2: Friday Feb. 5, 10am (in SS2127)
Assignment 3: Friday Feb. 26, 10am (in SS2127)
Midterm : Friday March 5, 10am (in SS2127)
Assignment 4: Friday March. 19, 10am (in SS2127)
Assignment 5: Wednesday Marach. 31, 10am (in SS2127)

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 will become available on the course webpage. The written assignments must be submitted in SS2127. Note the submission dates and times!! Late assignments will not be accepted, and will be given a grade of 0. Requests for remarking of a written assignment must be submitted in written format 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 class, lectures notes, reading assignments, handouts, and tutorials. 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 format 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, Congestion and Flow Control, Local Area Networks, and Quality-of-Service.

Announcements: Announcements will be available on the course webpage. You are responsible to check the course webpage regularly - don't believe rumors!!!!