

CS 4453 Computer Networks

Winter, 2015

General information:

Instructor: Dr. Ruizhong Wei (AT 5021, Ex. 8227)

E-mail: rwei@lakeheadu.ca

Time and location: TTh 2:30 - 4:00 pm, AT 1005

Office hours: Tuesdays 1:30-2:30 pm, AT 5021

Prerequisite: CS 2412, CS 2477

Description:

This year the course will cover basic knowledge and technologies of computer networks. Topics include basics of OSI layers, application layer programming, the transport layer, the network layer, wireless and mobile networks, network performance and management.

Materials:

Based on lecture notes which can be downloaded from course webpage. Some materials will be from Internet or other resources.

Reference books:

- A. Tanenbaum and D.J. Wetherall, Computer Networks, 5th Edt., Prentice Hall.
- J.F. Kurose and K.W. Ross, Computer Networking: A Top-Down Approach, 6th Edt., Pearson.
- D.E. Comer, Computer Networks and Internets, 6th Edt., Pearson.

Assignments:

There will be 5-6 assignments in this term. Late assignments will be penalized and will not be accepted after 3 days.

Quizzes: There will be 3 - 4 short quizzes during lectures. The purpose of a quiz is for understanding lecture materials.

Examinations:

The regulation of examinations and related matters is described on university Calendar.

Course grade:

To determine the final grade of the course, the following weights will be applied:

- Assignments: 30%
- Quizzes: 10%
- Mid-term test: 20%
- Final exam: 40%

Home page:

Some course information, supplemental materials and lecture notes will be put on the page:

<http://ccc.cs.lakeheadu.ca/cs4453.html>

Students are recommended to reference the web from time to time.