



CENG460 COMMUNICATION NETWORKS
Term - SPRING 2015 (201501)

Instructor

Dr. Lin Cai
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Office Hours

Days: MR or by appointment
Time: 13:00 -14:30
Location: EOW317

Lectures

A-Section(s): A01/A02, CRN 20375/20376
Days: MR
Time: 11:30-12:50
Location: CLE A203

Labs

Location: ELW

B-Section(s): B01/02/04
Day/Time: B01/02:W 15:30-18:20
Day/Time: B03:F 14:30-17:20
Location: ELW-A321

Required Text

Title: [Computer Networks](#)
Author: A. Tanenbaum and D. Wetherall
Publisher: Prentice Hall
Year: 2010

Optional Text

Title: [Computer Networking: A Top-Down Approach](#)
Author: J. Kurose and K. Ross
Publisher: Addison Wesley
Year: 2012

Assessment:

Assignments:	10%
Labs	20%
Mid-term	30%
Final	40%

Date: **March 5, 2015**

Note: Failure to complete all laboratory requirements will result in a grade of N being awarded for the course.

Due Dates for Assignments: Jan. 29, Feb. 16, Mar. 9, Mar. 26, Apr. 2

The final grade obtained from the above marking scheme will be based on the following percentage-to-grade point conversion:

Passing Grades	Grade Point Value	Percentage for Instructor Use Only	
A+	9	90 – 100	
A	8	85 – 89	
A-	7	80 – 84	
B+	6	77 – 79	
B	5	73 – 76	
B-	4	70 – 72	
C+	3	65 – 69	
C	2	60 – 64	
D	1	50 – 59	
Failing Grades	Grade Point Value	Percentage for Instructor Use Only	Description
E	0	0 - 49	Fail, *Conditional supplemental exam. (For undergraduate courses only)
F	0	0 – 49	Fail, no supplemental.
N	0	0 – 49	Did not write examination, Lab or otherwise complete course requirements by the end of term or session; no supplemental exam.

**Assignment of E grade will be at the discretion of the Course Instructor.*

The rules for supplemental examinations are found on page 80 of the current 2014/15 Undergraduate Calendar.

Term in which E Grade Was Obtained	Application Deadline for Supplemental Exam	Supplemental Exam Date
First term of Winter Session (Sept – Dec)	February 28 in the following term	First week of following May
Second term of Winter Session (Jan – Apr)	June 30 in the following term	First week of following September
Summer Session (May – Aug)	October 31 in the following term	First week of following January

Deferred exams will normally be written at the start of the student's next academic term; i.e., approximately 4 months following the deferral of the exam.

Course Description

1. Course Objectives

This course will introduce the fundamental concepts in computer communications networks, to help students understand the principles and practice of designing, building, and operating computer networks, particularly the Internet.

2. Learning Outcomes

Understand the Internet protocol stack, the main functionalities of each layer, and the design principles

3. Syllabus

Network overview, PHY layer technologies, link error control, resource management and medium access control, network routing algorithms and protocols, transport layer flow control, error control, and congestion control, Internet applications

Note to Students:

Students who have issues with the conduct of the course should discuss them with the instructor first. If these discussions do not resolve the issue, then students should feel free to contact the ECE Chair by email or the ECE Chair's Secretary eceasst@uvic.ca to set up an appointment.

Accommodation of Religious Observance

See <http://web.uvic.ca/calendar2014/GI/GUPo.html>

Policy on Inclusivity and Diversity

See <http://web.uvic.ca/calendar2014/GI/GUPo.html>

Standards of Professional Behaviour

You are advised to read the Faculty of Engineering document Standards for Professional Behaviour at <http://www.uvic.ca/engineering/assets/docs/professional-behaviour.pdf> which contains important information regarding conduct in courses, labs, and in the general use of facilities.

Cheating, plagiarism and other forms of academic fraud are taken very seriously by both the University and the Department. You should consult

<http://web.uvic.ca/calendar2014/FACS/UnIn/UARe/PoAcl.html> for the UVic policy on academic integrity.