

Administrivia for CSE/EE 461 (Winter 2001; Wetherall)

Introduction to Computer Communication Networks

Time/Place: MWF 2:30 to 3:20pm in EE1 003

Instructor: David Wetherall (djw@cs.washington.edu)

Office Hours: Sieg 210, MW 3:30-4pm.

TA: Will Portnoy (will@cs.washington.edu)

Office Hours: Sieg 226a, Tuesday 2:30 – 3:30

Course Web: <http://www.cs.washington.edu/education/courses/461/01wi/>. Look at this page. It has links to all of the information you need for the course.

Textbook: Computer Networks: A Systems Approach, by Larry Peterson and Bruce Davie. Morgan Kaufmann, **Second edition, 2000**. This is required reading, and the only book you need purchase (regardless of what the bookstore might recommend). I have also placed a copy of Peterson, plus Keshav and Tannenbaum, two other worthwhile books, on reserve at the Engineering Library.

Mailing List: Join the class mailing list right away by sending email to majordomo@cs.washington.edu with “subscribe cse461” as the contents. We will use this list for clarifications, last minute announcements, etc., and you should feel free to use the list for class related discussion.

Course Description: This course introduces the basics of networking, ranging from transmitting bits over wires to the Web and distributed computing. We focus on the internetworking ground in-between these two extremes. The goal of the course is to give students an appreciation of the fundamental challenges of networking, design strategies of proven value, and common implementation technologies. We will cover the following topics: framing, error correction, packet and circuit switching, multi-access protocols (Ethernet), queuing, addressing and forwarding (IP), distance vector and link state routing, reliable transport, congestion control (TCP), quality of service, multicast, and security.

Homework and Late Policy: There will be seven short (mostly weekly) homeworks, worth a total of 50% of your grade. Homework will be due at the end of class, and once we leave it is considered late. You may turn in **one** homework late without penalty, as long as it reaches the TA before the **next** class, when solutions are handed out. No further late homeworks will be accepted.

Midterm: There will be one midterm, Monday February 5. It will be held in class, and is worth 15% of your grade.

Final: There will be a comprehensive final, worth 35% of your grade. (Around one-third of the final will cover the first half of the quarter, two-thirds on the rest.) The final will be held from 2:30 to 4:20 on Tuesday, March 13.

Grading Summary: 7 short homeworks, 50%; midterm 15%; final 35%.

Collaboration Policy: (Adapted from Diorio.) Unless we specifically state otherwise, we encourage collaboration on homework, provided (1) You spend at least 15 minutes on each and every problem alone, before discussing it with others, and (2) You write up each and every problem in your own writing, using your own words, and understand the solution fully. Copying someone else's homework is cheating (see below), as is copying the homework from another source (prior year's notes, etc.).

Cheating Policy: Cheating is a very serious offense. If you are caught cheating, you can expect a failing grade and initiation of a cheating case in the University system. Basically, cheating is an insult to the instructor, to the department, and most importantly, to you. If you feel that you are having a problem with the material, or don't have time to finish an assignment, or have any number of other reasons to cheat, then talk with the instructor. Just don't cheat. To avoid creating situations where copying can arise, never publicly post your solutions. If in doubt about what might constitute cheating, send the instructor email describing the situation.