

EECS 845
Implementation of High Performance Networks
Monday, 7:10 PM to 10:00 PM
336 Strong Hall & Room 100, Edwards Campus

Topics

- Notes
- Computer Networks – A Systems Approach, L. Peterson and B. Davie, Morgan Kaufmann, 1996 (required)
- Internetworking with TCP/IP – Volume I, D. Comer, Prentice Hall, 1995 (recommended)
- Gigabit Networking, Craig Partridge, Addison-Wesley, 1994 (reference)

Anticipated Schedule

Date	Topic	Venue
January 25	Course Organization Overview of Networking	Lawrence Campus
February 1	Foundations	Lawrence Campus
February 8	Direct Link Networks	Edwards Campus
February 15	Packet and Cell Switching	Lawrence Campus
February 22	Packet and Cell Switching	Edwards Campus
March 1	Internetworking	Lawrence Campus
March 8	Internetworking	Lawrence Campus
March 15	Exam, Miscellaneous	Lawrence Campus
March 22	Spring Break	-
March 29	End-to-End Protocols	Edwards Campus
April 5	End-to-End Protocols	Lawrence Campus
April 12	End-to-End Data	Edwards Campus
April 19	Congestion Control	Lawrence Campus
April 26	High Speed Networking	Lawrence Campus
May 3	Hot Topics in Networking	Edwards Campus
May 10	Paper Presentations	Lawrence Campus
May 17	Final Exam, 7:10 PM – 10:00 PM	

Note that this schedule may be modified in order to adapt to currently unforeseen circumstances.

Grading Policy

The class will be graded competitively according to the percentages listed below. Each assignment within a category will be weighted equally. The course grade thresholds (that is, the numerical grade required to get a particular letter grade) will be set by the instructor to reflect the relative performance of the students. Class attendance is expected unless otherwise indicated.

Exam	25%
Final	25%
Paper Presentations	15%
Project	25%
Homework, Miscellaneous	10%

Note: failure to complete the "Project" portion of the course will result in a grade of F for the course.

3% per day will be subtracted from assignments turned in late, except under extraordinary circumstances and with adequate prior notification of the instructor.

The student must notify the instructor within 48 hours of a missed exam and present adequate justification. If illness is the justification, a doctor's note must be provided to the instructor.

An appeal on grades for individual assignments must be within 14 days of the date the assignment is returned.

Further details of the project grading procedure may be announced in class or via e-mail as required.