Advanced Topics in Computer Networking (Spring, 2007)

CRN 30205
Course Number ECE-C633
Section Number 501
Credits 3.0
Time Thursdays 6pm - 8:50pm
Room Randell Hall 238B
Instructor Steven Weber
Restrictions ECE-C632 w/ minimum grade of C
Department Electrical and Computer Engineering

Description
Perspectives in the areas of switch/router architectures, scheduling for best-effort and guaranteed services, QoS mechanisms and architectures, web protocols and applications, network interface design, optical networking, and network economics. The course also includes a research project in computer networking involving literature survey, critical analysis, and finally, an original and novel research contribution.

Textbook
Title Communication Networking : An Analytical Approach
Authors Anurag Kumar, D. Janjunath, and Joy Kuri
Publisher Morgan Kaufmann
ISBN 0124287514
Edition 1st

Grading
Homework (one problem set per week) 20%
Midterm Exam (comprehensive) 40%
Final Exam (comprehensive) 40%

Homework and Makeup Exams
Makeup exams are only available if you are unable to attend due to a severe health problem or a death in your family. Homeworks are due at the beginning of class, one week following the class in which they were assigned. Late homeworks will not be accepted.

Academic Dishonesty
The Drexel University policy on academic dishonesty will be strictly enforced. Plagiarism, fabrication, and cheating will, at the discretion of the instructor, constitute grounds for failure of the course.