Principles of Computer Networking (Fall, 2005)

CRN	10399
Course Number	ECE-C631
Section Number	501
Credits	3.0
Time	Thursdays 6pm - 8:50pm
Room	TBA
Instructor	Steven Weber
Restrictions	graduate standing
Department	Electrical and Computer Engineering

Description

Principles of circuit switching, packet switching and virtual circuits; protocol layering; application layer protocols for e-mail and web applications; naming and addressing; flow control and congestion avoidance with TCP; Internet Protocol (IP); routing algorithms; router architectures; multicast protocols; local area network technologies and protocols; issues in multimedia transmissions; scheduling and policing; Quality-of-Service and emerging Internet service architectures; principles of cryptography.

Textbook (required)

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	40%
Final Exam	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. Homework is due at the **beginning** of class, one week following the class in which they were assigned. *Late homework will not be accepted.*

Academic Dishonesty

The Drexel University policy on academic dishonesty may be found at
http://www.drexel.edu/cchc/studentlife/Judicial/code/dishonesty.html and will be strictly enforced.
Plagiarism, fabrication, and cheating will, at the discretion of the instructor, constitute grounds for failure of the course.