

## Advanced Topics in Computer Networking (Spring, 2007)

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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	1 <sup>st</sup>

### 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.