332:423 Telecommunication Networks — Fall 2003

Instructor: John Sucec (E-Mail: jsucec@ece.rutgers.edu)
Lectures: TF 9:50AM-11:10AM, SEC 117
Office Hour: F 11:30AM-12:30PM, ECE 232
Class Home Page: http://www.ece.rutgers.edu/~jsucec/
Text Book: T. N. Saadawi, M. H. Ammar and A. El Hakeem, Fundamentals of
Teaching Assistant: Beizhong Chen (E-Mail: bzchen@ece.rutgers.edu)
Recitation: F 2:50PM-4:10PM, SEC 117
Office: CoRE 511

Proposed Content
- Introduction to Networks (Chapter 1)
- Data Communication Principles (Chapter 2: Sections 2.1-2.5, 2.7, 2.9)
- Queuing Systems (Chapter 3)
- The Data Link Layer (Chapter 4: Sections 4.1-4.7)
- Routing in Packet Switched Networks (Chapter 5)
- Flow and Congestion Control (Chapter 6: Section 6.1-6.4)
- Multiple Access Communication Protocols (Chapter 7: Sections 7.1-7.4)
- Local Area Network Protocol and Standards (Chapter 8: Sections 8.1-8.2)
- Network Interconnection (Chapter 9)
- Transport Protocols (Chapter 10, Sections 10.1-10.3)
- Integrated Services Digital Network (Chapter 11, Sections 11.1-11.2, 11.7)

Grading
- Exam I: 30%
- Exam II: 30%
- Final Exam: 40%

Homework: Homework will be assigned but not collected.

Other: Exam times and locations to be announced. There is no provision for makeup exams.