

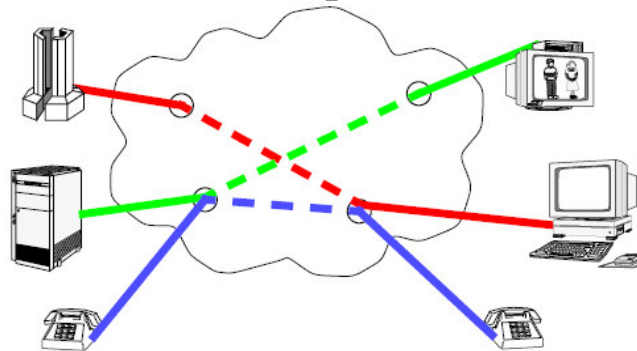
Spring 2006 Course Announcement

ECEN 5032 Communication Networks

<http://ece.colorado.edu/~ecen5032/>

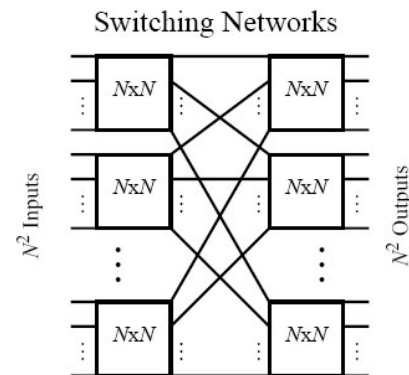
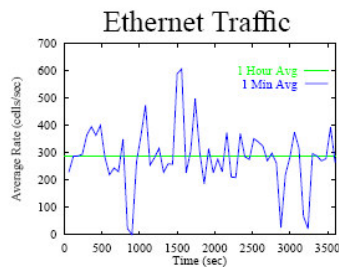
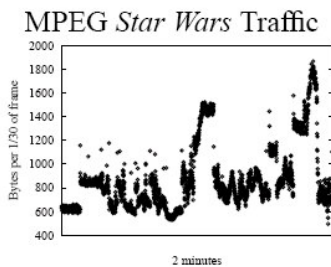
Prof. T. X Brown

MWF 3:00-3:50pm ECCS 1B28



Communications in Electrical Engineering centers on how to get bits from a transmitter to a receiver. Communication networks compose this basic functionality into larger systems that can more efficiently communicate further and between more users. This course will study the design and analysis of communication networks. Traffic analysis, providing quality of service guarantees, congestion control, and network dimensioning will be covered. The goal is to understand the engineering design tradeoffs in both the communication hardware and protocols.

Prerequisites: ECEN 5612 Noise and Random Processes, or APPM 5560 Markov Chains, Queues, and Monte Carlo Simulations, or equivalent.



Combined Data, Video, and Voice Packet Networks

