Carleton University
Department of Systems and Computer Engineering

94.581Y Performance Analysis for ATM Broadband Networks Winter 2000

Reading #1:

1. Read Chapter 1 from the textbook by M. Schwartz.
2. Read Chapter 1 from the bound notes by I. Kaj.
3. Review your stochastic processes/queueing background.
4. Review your “legacy” networks background.

Assignment #1

(DUE WEDNESDAY, JANUARY 19, 2000, AT THE BEGINNING OF CLASS)

- Write an essay/research paper on the topic: “From Ethernet to Fast Ethernet, to Gigabit Ethernet and beyond: The future standard for high-speed multi-service networks?”
- Prepare also a set of slides (10-15) appropriate for a 20 minute presentation of your essay.
- The emphasis is on the quality of sources and references, precision of arguments, and critical thinking.
- Soft copies are encouraged, but only in StarOffice (preferred) or Word/PowerPoint.
- Work in groups of two (2), with one report and one set of slides per group.

Remember to visit frequently the web site www.sce.carleton.ca/faculty/devetsikiotis/94581page.html for updates on the course material and assignments.