Networks Textbooks

The material for this course is taken primarily from the current literature in computer networks. The following is a list of current networks that the student might useful as references for some of the preliminary topics that are prerequisites to this course.

General Networks Texts

Computer Networks and Internets with Internet Applications, Third Edition, D.E. Comer, Prentice-Hall, 2001.

Computer Networking, A Top-Down Approach Featuring the Internet, J.F. Kurose and K.W. Ross, Addison-Wesley, 2001.

Computer Networks, A Systems Approach, Second Edition, L.L. Peterson and B.S. Davie, Morgan Kaufmann, 2000.

Communication Networks, Fundamental Concepts and Key Architecture, A. Leon-Garcia and I. Wadjaja, McGraw-Hill, 2000.

Data and Computer Communications, Sixth Edition, W.S. Stallings, Prentice-Hall, 1999.

Computer Networks, Third Edition, A. Tanenbaum, Prentice-Hall, 1996.

Data Communications, Computer Networks and Open Systems, Fourth Edition, F. Halsall, Addison-Wesley, 1995.

Data Networks, Second Edition, D. Bertsekas and R. Gallager, Prentice-Hall, 1992.

Routing Texts

IP Routing Protocols, U. Black, Prentice-Hall, 2000.

Routing in the Internet, Second Edition, C.Huitema, Prentice-Hall, 2000.

Routing in Communications Networks, M. Steenstrup, Prentice-Hall, 1995.

Interconnections - Bridges and Routes, R. Perlman, Addison-Wesley, 1992.

ATM Texts

ATM Volume III, Internetworking with ATM, U. Black, Prentice-Hall, 1995.

Gigabit Networking, C. Partridge, Addison-Wesley, 1994.

ATM Networks - Concepts, Protocols, Applications, Second Edition, R. Handel, M. Huber and S. Schroder, Addison-Wesley, 1994.

LAN Texts

Local and Metropolitan Area Networks, Sixth Edition, W. Stallings, Prentice-Hall, 1999.