

## 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 textbooks that the student might find useful as references for some of the preliminary topics that are prerequisites to this course.

### General Networks Texts

*Computer Networks, A Systems Approach, Third Edition*, L.L. Peterson and B.S. Davie, Morgan Kaufmann, 2003.

*Computer Networking, A Top-Down Approach Featuring the Internet, Second Edition*, J.F. Kurose and K.W. Ross, Addison-Wesley, 2002.

*Computer Networks, Fourth Edition*, A. Tanenbaum, Prentice-Hall, 2002.

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

*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.

*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.