

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, Second Edition, A. Leon-Garcia and I. Widjaja, McGraw-Hill, 2004.

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.