

Reading List Introductory Networking

18-759 Wireless Networking, Spring 2009

The table below has a reading list for students in 18-759 who have not taken an introductory networking course, or who feel that they may be weak on networking. You can use any of a large number of networking textbooks to learn about this material, but we have included references for two widely used textbooks:

- Computer Networks – A Systems Approach, Larry Peterson and Bruce Davie, 4th edition, Morgan Kaufmann
- Computer Networking – A Top-Down Approach, James Kurose and Keith Ross, 4th edition, Addison Wesley.

Please read the material carefully and make sure you understand the concepts. If you have questions, make use the office hours to talk to the instructors.

Topic	Peterson/Davie	Kurose/Ross
Protocol Stacks	Chapter 1	Chapter 1
Ethernet	Section 2.6	Section 5.5
IP introduction	Sections 4.1, 4.2.1-3	Sections 4.4, 4.5.1-2
TCP introduction	Sections 5.1, 5.2, 6.3.1-2	Sections 3.5, 3.7
The Web	Section 9.1.2	Section 2.2