

Reading List Introductory Networking

18-452/750 Wireless Networking

The table below has a reading list for students in the course 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, 5th edition, Morgan Kaufmann. This book is available as open source from <https://www.systemsapproach.org/book.html> and from a number of other web sites in open source format.
- Computer Networking – A Top-Down Approach, James Kurose and Keith Ross, 4th edition, Addison Wesley.

Please read the material carefully. It is not necessary to memorize details but make sure you understand the high level design and motivation for the protocols and systems. 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