Computer Networking

Midterm: 35%

Final: 35%

Program: 25%

Attendance: 5%

Text book: Computer Networking: A top-down approach featuring the Internet

Seventh Edition

James F. Kurose and Keith W. Ross

Chapter 1 Computer Networks and the Internet

Chapter 2 Application Layer (x ftp hash table + video streaming Python 3)

Chapter 3 Transport Layer (x ATM + ECN)

Chapter 4 The Network Layer: Data Plane (x multicast + SDN)

Chapter 5 The Network Layer: Control Plane (+SDN)

Chapter 6 The Link Layer and LANs

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*Chapter 7 Wireless and Mobile Networks (+4G LTE)*

*Chapter 9 Multimedia Networking*