Brooklyn College  
Department of Computer & Information Sciences

CISC 7332 [*748X] Local Area Networks  
37½ hours plus conference and independent work; 3 credits


Textbook:

Local and Metropolitan Area Networks, 6th ed. by: W. Stallings.

Syllabus:

1. Introduction to Local Area Networks (LANs):
   Chapter 2: 2.9, 2.10

2. Topics in Data Communications:
   Chapter 2: 2.3, 2.4

3. LAN Topologies and Transmission Media:
   Chapter 4: 4.2, 4.5, 4.6

4. LAN Protocols:
   Chapter 5:

5. IEEE 802.2: Logical Link Control (LLC);
   Chapter 6: 6.1, 6.3, 6.4

6. IEEE 802.3: Medium Access Control - CSMA/CD:
   Chapter 7: 7.2, 7.4

7. 100Base-T, 100VG-AnyLAN, anfg Gigabit LANs:
   Chapter 7: 7.8, 7.10, 7.11

8 IEEE 802.5: Medium Access Control - Token Ring;
   Chapter 8: 8.1, 8.2

9 The Fiber Distributed Data Interface (FDDI):
   Chapter 8: 8.6, 8.7
10 Wireless LANs:
   Chapter 10:

11. Asynchronous Transfer Mode (ATM) LANs:
   Chapter 11: 11.3, 11.4

12. Internetworking:
   Chapter 12 & 13:

13. Network Performance;
   Chapter 15: