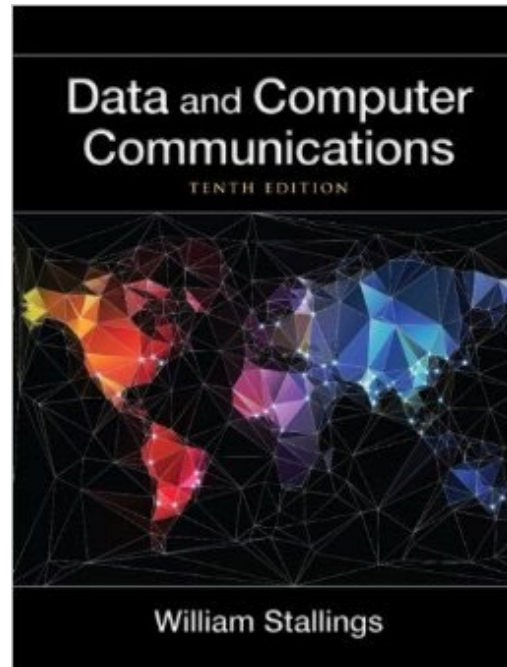


Course Information

- ❑ ECE 3613 Communication Networks
- ❑ Instructor: H. Jonathan Chao
- ❑ Class Schedule
 - Tue 12:30 PM - 1:55 PM
 - Thur 12:30 PM - 1:55 PM
- ❑ Class Location
 - RH 202

□ Textbook:



Data and Computer Communications (10e)

- Author: William Stallings
- Publisher: Pearson
- ISBN-10: 0133506487
- ISBN-13: 9780133506488

- ❑ Instructor: H. Jonathan Chao
- ❑ Office: 370 Jay St, Room: 955
- ❑ Tel: 646-997-3302
- ❑ Email: chao@nyu.edu
- ❑ URL:
 - <http://engineering.nyu.edu/people/jonathan-chao>
- ❑ Office hour: Thur 10 - 11 AM
- ❑ TA: Minghao Ye (my1706@nyu.edu)

Week	Date	Contents	Reading Chapters
1	Jan. 28 Jan. 30	(01) Introduction (02) Protocol Architecture	1 2
2	Feb. 4 Feb. 6	(03) Physical Layer - Data Transmission (04) Physical Layer - Signal Encoding	3 5
3	Feb. 11 Feb. 13	(05) Physical Layer - Multiplexing (06) Data Link Error Detection and Correction	8 6
4	Feb. 18 Feb. 21	(07) Data Link Control Protocol (08) Local Area Network (LAN) Overview	7 11
5	Feb. 25 Feb. 27	(09) Ethernet (10) Internet Protocol	12 14
6	Mar. 3 Mar. 5	Lab0: Tool Installation and Configuration (10) Internet Protocol	14
7	Mar. 10 Mar. 12	Lab1: Address Resolution Protocol (ARP) And Virtual LAN (VLAN) (11) Routing	19
8	Mar. 24 Mar. 26	Lab2 Routing (Static) Midterm	

Week	Date	Contents	Reading Chapters
9	Mar. 31 Apr. 2	Lab2 Routing (Dynamic) (12) Transport Protocols	15
10	Apr. 7 Apr. 9	Lab3: Transport Protocols (13) TCP Congestion Control	20
11	Apr. 14 Apr. 16	(16) Applications (17) Network Security	24
12	Apr. 21 Apr. 23	Lab4: Applications Lab5: Network Security	
13	Apr. 28 Apr. 30	(14) Wide Area Networks I (15) Wide Area Networks II	9
14	May 5 May 7	F(18) Software Defined Networking, Data Centers and Cloud Computing Final Exam Review	
15	May 14	Final exam	

Exams

- ❑ Midterm covers week 1--7
- ❑ Final covers week 9--14, NOT CUMULATIVE
- ❑ Type: open books, open notes, but NO laptop, cell phone, or tablet

Grading

- Homework: 0%
- Quizzes: 15%
- Lab reports: 15%
- Midterm: 35%
- Final: 35%
- Letter grade based on ranking of total score
- I will **NOT** give extra work for improving grade