Instructor: Dr. Yonghe Liu

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Prerequisite: cse3320 (Operating Systems).

Logistics:

- Class schedule: MW 12:30pm- 1:50pm, ERB131
- Office hours: M 2:00pm - 3:00pm, ERB537
- Teaching assistant: TBA Office hour: TBA
- Textbooks: *Computer Networking: A Top-Down Approach Featuring the Internet* by James F. Kurose and Keith W. Ross. Amazon (3rd edition or later)
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- **Objective**: This course aims at introducing the students to modern computer networks, in particular the Internet. We will discuss basic network architecture, design principles, different protocols, and applications. We will study the application, transport, networking, and link layers. We will also cover basic topics of network security and management. Students are expected to perform various projects, including network programming, to obtain hands on knowledge.

Course Content: We will cover the first 5 chapters of the textbook and partially Chapters 6 and 8.

Grading policy: There will be mid-term and final exams. There will also be 4 quizzes during the semester, which will be announced at least one week ahead (NOT popup). Among the 4 quizzes, the one with the lowest point for a student will NOT be counted toward his/her final score.

- Quiz: 30%
- Exams: 40%
- Programming and Lab: 30%

Projects and Programming : Projects in this course will be performed in diverse environments, including working with existing network simulators, interacting with product network environment, and direct programming in networking devices. Java is the preferred languages for project assignments.

Quiz and Exam Makeup: There will be no exam or quiz makeup. Missed exam/quiz will result in zero mark.

Accommodation Based on Disability: If you require any accommodation based on disability, please meet the instructor in the privacy of his office the first week of the semester to be sure you are appropriately accommodated.

Academic Dishonesty: Any academic dishonesty is intorelable. These include, but not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student, or the attempt to commit such acts. Any case of academic dishonesty will be handled according to the procedure as published at http://www.uta.edu/studentaffairs/judicialaffairs/.