Instructor: Ali Şaman Tosun
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Office: NPB 3.310
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Class Time: Monday, Wednesday, Friday 12:00pm-12:50pm
Class Location: MS 2.02.54
Office Hours: Monday, Wednesday, Friday 11:00am-11:50am

Textbook: Computer Networking, 7th edition
James Kurose, Keith Ross

References:
1. Data and Computer Communications
   William Stallings
2. Computer Networks
   Andrew Tanenbaum

Objectives: In this course you will learn
1. Terminology, underlying concepts, principles of computer networks
2. Protocols, architectures and implementation issues
3. How to implement network applications such as email, ftp

Prerequisites: Programming experience in C or Java
Working Knowledge of Unix operating system

Topics:
Chapter 1: (1.5 weeks) Computer Networks and the Internet
Chapter 2: (1.5 weeks) Application Layer
Chapter 3: (3 weeks) Transport Layer
Chapter 4: (2 weeks) The Network Layer: Data Plane
Chapter 5: (2 weeks) The Network Layer: Control Plane
Chapter 6: (3 weeks) The Link Layer and Local Area Networks
Chapter 7: (remaining time) Wireless and Mobile Networks

Grading: Based on Curve
Homework: 20% (5 homeworks, lowest one dropped)
Projects: 15% (3 projects)
Midterm 1: 20% on September 30 Friday
Midterm 2: 20% on November 4 Friday
Final: 25% on December 16 Friday 12:30 pm - 3:00 pm

Make-up exams are given only under certain extenuating circumstances. Late homeworks are not accepted.

This Syllabus is provided for informational purposes regarding the anticipated course content and schedule of this course. It is based upon the most recent information available on the date of its issuance and is as accurate and complete as possible. I reserve the right to make any changes I deem necessary and/or appropriate. I will make my best efforts to communicate any changes in the syllabus in a timely manner. Students are responsible for being aware of these changes.