

Syllabus

CS381—Introduction to Computer Networks Spring 2014

Lectures: TR 8:00 am-9:20am, SH 1102

Instructor: Zhonghang Xia

Office: COHH 4141

Office Hours: M 8:30am-11:00am, TR 9:30am- 11:00am, 1:00pm-3:00pm, other time by appointment

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Text Book:

Introduction to Networks and Networking, Hector J. Caban, by McGraw-Hill 2005

Prerequisites:

CS 280

Course Description:

The topics in this course includes Data communication basics, Network technologies, Managing multiple access, Networking protocols, Switching, Naming and addressing, Routing, Network security, Network services and applications, etc.

Course Outcomes:

- Understand basic concepts in contemporary computer networks.
- To be familiar with network tools and network programming.
- To master the concepts of protocols, network interfaces, and design/performance issues in local area networks and wide area.

Grading Policy:

Assignments	10%
Midterm Exam 1	15%
Midterm Exam 2	15%
Final Exam	30%
Term Project	25%
Participation/Attendance	5%

[90,100]	A
[80, 90)	B
[70, 80)	C
[60, 70)	D
<60	F

Note: Attendance is mandatory.

Academic Integrity:

All course work that you submit must be efforts of your own (if it is an individual assignment) or of your approved team (if it is a team work). Discussions on assignments and projects are strongly encouraged. However, such collaboration should be limited to general strategies and ideas, but not specific solutions. As a general rule, your submitted work should represent identifiable efforts and originality of you or your approved team. Violation of the integrity policy will result in a fail grade of the class.

Examinations:

Exams will cover material from the lectures, lab sessions and book readings. Exams will be closed-book and closed-notes. Cheating will be dealt with severely. Make-up exams will not be given except in fully documented cases of medical or other emergencies. Please make sure that you can attend all the exams.

Assignments and Project:

We will have several assignments throughout the semester. For each assignment, you must follow the instruction provided.

The project team will consist of 1-3 students. You should submit programming codes and a project report.

General Policy:

1. Due date/time will be strictly enforced. No work will be accepted after the due time. In other words, please do not take chance to submit late work.
2. Missing work gets zero credit.
3. Explain all your answers in your assignments and exams. A yes or no answer is not sufficient.
4. Your final grade is completely determined by your performance in this class.