CS4700/CS5700
Fundamentals of Computer Networking

Prof. Alan Mislove

Lecture 1: Course organization

January 10, 2011

Northeastern

Who's who

Instructor: Prof. Alan Mislove

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Office hours: 3:00p-5:00p Tuesdays or by appointment

TA: Abutalib Aghayev

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Office hours: 4:00p-6:00p Wednesdays

Course information

URL: `http://www.ccs.neu.edu/~amislove/teaching/cs4700/spring11`

Forum: On Blackboard

Textbook is

Computer Networks: A Systems Approach, 4th Ed. by Peterson and Davie

Prerequisites

or, am I in the right room?

Formally, CS3600 and CS2600

Knowledge of
    Basic computer organization
    C and UNIX

Ability to
    Work *in a group*

Objective

To study *communication systems*

Little focus on hardware

We will focus on building software
    You will implement real protocols

Workload

or, what do I have to do?

Grade composed of
    20%   Homework (4 @ 5% each)
    40%   Projects (4 @ 2%, 10%, 13%, 15%)
    35%   Exams (15% midterm, 20% final)
     5%   Participation

You should *participate*
    Ask questions
    I should know your name by grading time

Homeworks

4 homeworks
    Due one week later

Deadline is *beginning of lecture*

Each day (or portion thereof) late is 20% off
    Not accepted after 2 days

Projects

Course is *project-centric*

4 projects
> Due at 11:59pm on specified date
> Working code paramount

Will use *flexible slip days*
> Each student gets 4 slip days
> Group's slip days are minimum of constituent's

Important: Start early!

Projects
continued

First three projects in language of your choice
    C, Java are recommended
    Example/support code may be provided in C
        You must implement it yourself if you use another language

Fourth in Java

Project 0 handed out today
    Due in two weeks

Project questions

Many avenues for help:

Blackboard forum
  Check it regularly!
  We will monitor; counts as participation

TA lab hours
  Come, work on projects, ask questions

Instructor office hours

On groups

Projects will be done in groups

   Not optional

   Groups will be of 2 people

   Do not mix CS4700/CS5700 enrollees (different requirements)

You can

   Choose your own partner

   Switch partners between projects

Email me *tomorrow* if you don't have a partner

Exams

One mid-term and one final
Closed book, closed notes

Will not be cumulative

Mid-term will be in-class, final will be scheduled
2-hour midterm, 3-hour final

Lecture organization
or, I'm hungry

Rough lecture schedule passed out
> Will be subject to change

3 hours...
> Will take 5-10 minute breaks every hour
> Other ideas?

NOTE: No class next week
> TA Lab hours will be held tomorrow, next Tuesday
> Project 0 due on the 24th at 11:59:59pm

On cheating

DO NOT CHEAT

We use code cheating detectors

I will immediately refer any cases of suspected cheating to the university

What counts as cheating?

Copying work

Looking at other (previous) solutions

When in doubt, ask the course staff