CMSC 474: Introduction to Computational Game Theory
Tue-Thu, 3:30 PM-4:45 PM, CSI, Room# 1121
Fall 2013
Course Agenda

Instructor: Mohammad T. Hajiaghayi
TA(s): Hossein Esfandiari

Sep 3, 2013

1 Overview

This document details the administrative portion of the lecture from the first day of class. Particularly, this document describes the handouts provided, and the discussions about grading, homeworks,exams, quizzes, programming assignments, and communication.

2 General Information

- Course website: http://www.cs.umd.edu/~hajiagha/474GT13/GT13.html.

- Instructor's website: http://www.cs.umd.edu/~hajiagha/.

- Times and Physical Locations: Tue-Thu, 3:30 PM-4:45 PM CSI, Room# 1121

- Mid-Term Exam: November in the class (the exact date TBD)

- Final Exam: time and place to be determined by the University

- Office Hours (Instructor): Thu 12:00PM-1:00PM at A.V. Williams Bldg., Room 3249, or preferably by appointment via e-mail.

- TA Office Hours (Hossein Esfandiari): Mon 1:00PM-2:30PM at A.V. Williams Bldg., Room 1112

3   References

Though the following books can be used as the main references for this course, everything covered in class will not be in these references, and vice-versa.

- Leyton-Brown, *Essentials of Game Theory: A Concise, Multidisciplinary Introduction*. Morgan and Claypool Publishers, 2008.

- Nisan, Roughgarden, Tardos, and Vazirani, *Algorithmic Game Theory*. New York: Cambridge University Press, 2007.

4   Honor code

We take the Code of Academic Integrity and the University of Maryland Student Honor Pledge ("I pledge on my honor that I have not given or received any unauthorized assistance on this assignment/examination") very seriously. For details, see Code and Pledge. Our policy is that "authorized" assistance includes talking together about assignments and approaches to them, but *not* writing up with assistance or collaboration on—or with access to another's—actual final materials to hand in.

5   Laptop policy

Please note that **LAPTOPS ARE NOT ALLOWED** in the class unless you want to take notes. In this case, you need to talk with the instructor after the class for a special permission AS WELL AS sending an email to hajiagha@cs.umd.edu for the special permission. You also need to send your notes just after each class that you bring the laptop to the class to hajiaghayi@yahoo.com with subject line **"cmsc474 laptop notes"** (all lowercase) and then **your UID**, **date**, and **title** of the notes.

6   Requirements

Grading for this course can be broken down into the following categories (see details in later sections):

Four homework assignments:	20% requirement and 4% bonus
	(each 5% requirement with 1% bonus)
Two quizzes:	3% requirement and 3% bonus
Class participation:	7% requirement
Exams:	**max of**
	(a) midterm count for 30% together
	with the final for 40%, or
	(b) the final exam grade for 70%

Note that based on above information you can earn up to 7% bonus on top of 100% requirement scores.

7 Homework assignments

Four homeworks are given during the semester and they are due the week after in the class. Four questions of each homework will be graded (at random) for the 5% requirement. You will get 1% bonus if you try all problems. Homework assignments will be found on the web. Homeworks are due AT THE START OF CLASS on the day indicated, and LATE OR MAKEUP HOMEWORKS WILL NOT BE ACCEPTED!!! Graded homeworks will be available for pickup at TA office hours. Any question regarding assignments should be sent to hajiagha@cs.umd.edu and CC'D to Hossein Esfandiari esfandiari.hossein@gmail.com with the subject line "cmsc474 assignment" (all lowercase) and then the **question number**.

8 Exams

There will be one midterm exam and one final exam. If you miss the midterm exam, it will be DROPPED from your grade. THERE WILL BE NO MAKEUP EXAMS. Exams will be based on what is covered in class. If you learn what is covered in the class notes, assignments, and you understand the theory, you should be okay for the exam preparation. We try to organize a **discussion session** just before each exam (we decide the time which works for the most number of students in the class). There would be two quizzes each 30 mins in the class. The dates are NOT ANNOUNCED intentionally to check your class attendance. If you are present in one of the quizzes you can satisfy 3% requirement for the class. If you are present in both quizzes, you can earn up to 3% bonus.

9 Communication

An email was sent out to everyone who registered for the course. The instructor's email address is: hajiagha@cs.umd.edu and the TA's email address is esfandiari.hossein@gmail.com. Please add the following to the subject line when

- "cmsc474" (all lowercase) for course related emails.

- "laptop" (all lowercase) for laptop related email.

- "exam" (all lowercase) for exam related emails.

- "assignment" (all lowercase) for assignment related emails.

Also, feel free to send the instructor an email with any suggestions you have for the class with the subject line "suggestion".