

MATH 428: Summer 2017, Section H1

Syllabus

Instructor – John Chiarelli

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Office: Hill 608, Busch Campus

Office Hours: TBA

Course Website: SAKAI

Class Meetings

MTWTh, 2:30 – 4:30 pm, Hill 525

Exams

Midterm Exam – Thursday, July 27th

Final Exam – Wednesday, August 16th

Grade Breakdown

Grades will be assigned according to the following weights

| | |
|---------------|-----|
| Participation | 5% |
| Homework | 20% |
| Quizzes | 15% |
| Midterm | 25% |
| Final Exam | 35% |

Textbook

G. Chartrand and P. Zhang; *A First Course in Graph Theory*.
Dover Publications; 2012; ISBN: 978-0486483689

In this class we will cover chapters 1-6 and 8-11 from Chartrand and Zhang; if time permits, we will go over additional topics at the end of the course.

Attendance and Participation

Full points will be given if you come to class regularly and are engaged most of the time. You will lose points for poor attendance and for distracting behavior, such as consistently checking your phone, during class. Short participation quizzes may be given as a method of checking attendance; these should be easy points.

If you are unable to attend a particular class, let me know via email as soon as possible. Due to the time-compressed nature of summer courses, the class moves very quickly. It is your responsibility to make up the material missed during absences.

Homework

Homework will be announced in class every day, and collected every Monday and Thursday at the start of class (except for the last week of classes, when the Thursday homework will be moved to Wednesday); in particular, the homework assigned on Monday and Tuesday will be collected the following Thursday, whereas the homework assigned on Wednesday and Thursday will be collected the following Monday. Each homework assignment will have two parts; Part 1 will consist of computational problems and will be graded by a grader, whereas Part 2 will consist of proofs and will be graded by me. They must be turned in separately, as they will go to two different people. The lowest homework grade for each part will respectively be dropped. Late homework will not be accepted. In the case that you cannot make class, you may email me your homework; if you do so, the assignment must be in my email mailbox by the start of class on the day it is due.

Homework must be legible and stapled, and, after the first homework, I will deduct points if they are not.

Working with your classmates on the homework assignments is allowed and encouraged. However, the write-up of each homework assignment should be completely your own – at no point should you copy a solution from another student or any other source. For any given assignment, please list the students you worked with on that assignment at the top of the page.

Quizzes

We will have short quizzes every Monday and Wednesday, excluding Monday, July 10th, Monday, July 31st, and Wednesday, August 16th; they will mostly consist of one calculation problem and one proof. There will be 9 quizzes, with the lowest quiz grade dropped; there will be no make-up quizzes.

Exams

There will be one midterm and one final for the course; calculators and other electronic devices will NOT be allowed on any of the exams. The midterm will take place on July 27th during the standard course period. The final will be on August 16th, but it will begin at 2:30 PM and end at 5:30 PM. Please schedule accordingly for the additional time.

Make-ups will only be given in genuine and clearly documented instances – this means there must be a doctor's note, notice of court appearance, or similar documentation indicating that you were unable to attend the exam. You should contact me as soon as you know you will not be able to attend the exam.

Academic Integrity

All students in this course are expected to be familiar with and abide by the academic integrity policy (<http://academicintegrity.rutgers.edu/academic-integrity-at-rutgers>). Violations of this policy are taken very seriously. In short, don't cheat, and don't plagiarize.

Disability Accommodations

I will be happy to provide appropriate accommodations for students who provide me with a letter of accommodation from the Office of Disability Services (ODS). For more information, see <http://ods.rutgers.edu/>.

Analysis of the Syllabus

The purpose of the syllabus is to communicate important information about the course quickly and efficiently, and establish expectations on the structure of the course. Many students will skim the syllabus rather than reading it in depth, so I made certain that the front page contained the most important information in a fashion that could be digested easily – my contact information, the class meeting times, the textbook, the dates of the tests, and the breakdown of how grades would be calculated.

On the following pages, I looked at each component of the grade, and explained what the expectations would be for each component. In particular, the homework and quiz sections emphasized the regularity of both components, and on what days my students could expect there to be a quiz or a homework due. These sections also talked a little bit about what they could expect the content of these assessments to be, emphasizing that the course has a strong focus on reasoning and being able to justify statements. I also talked about what my policies would be for late homework and for making up quizzes and exams. One last thing that I noted was that the final would extend to after the course period would normally end, and that my students may need to adjust their schedules accordingly; I made certain to reiterate this warning during the first class meeting.

At the end of the syllabus are two small but important points. Rutgers's policy on academic integrity is well documented and freely available, so a brief summarization of what not to do was the most useful thing to include – though I also included a link to a more comprehensive description. The last section showed that I would make any needed accommodations for disabilities, and also served as a way to allow me to remind students to bring their letters of accommodation as soon as possible without putting anyone in the spotlight for having one.