CMPS/MATH 2170
Discrete Mathematics

Zizhan Zheng
Fall 2016
Topics

• Propositional and predicate logic
• Set theory
• Mathematical induction and recursion
• Number theory
• Counting
• Discrete probability
• Graphs
Syllabus

• Course Webpage

http://www.cs.tulane.edu/~zzheng3/teaching/cmbs2170/fall16

• Time & Place
  • Lectures: MWF 10:00am - 10:50am Stanley Thomas 302
  • Labs: R 12:30pm - 1:45pm Gibson Hall 325
Course Staff

• Instructor: Prof. Zizhan Zheng
  • Office: Stanley Thomas 307B
  • Office hours: MW 11:00am-12:00pm
  • Email: zzheng3@tulane.edu
  • Research Interests: Networks, clouds, cyber-security, game theory

• Teaching Assistant: Safak Ozden
  • Office: Stanley Thomas 401
  • Office hours: TBA
  • Email: sozden@tulane.edu
Textbook


- Older editions of the book contain most of the covered material, but not all. Students are responsible for identifying the differences.
Attendance

• Attendance in class will not be taken.

• Students are fully responsible for all material presented or assigned in class. For this reason, attendance is strongly recommended.

• Attendance in the labs is required.
Grading

• Homework - 30%
• Quizzes - 10%
• Midterm - 25%
• Final Exam - 35%

• All grades will be posted on Canvas.
Homework

• About 10 homework assignments
  • Posted to the course webpage on Thursday morning
  • HW1 will be given on Sep 8
  • Due at the beginning of the Thursday lab in the following week

• No late homework allowed.

• Requests for a homework extension (with a valid reason) must be given to the instructor before the homework is due.
Labs and Quizzes

- Attendance in the labs is required.
- There will be short quizzes in most of the labs.
- No make-up quizzes will be allowed, but the two lowest quiz scores will be dropped.
Exams

• One midterm and one final exam
  • closed-book and closed-notes
  • a cheat sheet allowed: one letter page single-sided

• The midterm will be non-comprehensive, but the final exam will be comprehensive.

• Missing an exam will result in a grade of zero. A request for a make-up exam must be given to the instructor prior to the exam date (documentation may be required).
Academy Integrity

• You are required to adhere to Tulane’s Code of Academic Conduct.

• You may discuss homework problems with your classmates. However, what you turn in must be your own. You may not read another classmate’s solutions or copy a solution from the web.

• Every cheating will be reported to the Associate Dean of Newcomb-Tulane College. If two people are caught sharing solutions then both the copier and copiee will be held equally responsible. Cheating on an exam will result in failing the course.
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