Topics

- Propositional and predicate logic
- Set theory
- Mathematical induction and recursion
- Number theory
- Counting
- Discrete probability
- ...

Syllabus

• Course Webpage

http://www.cs.tulane.edu/~zzheng3/teaching/cmps2170/fall17

• Time & Place
  • Lectures: MWF 10:00 - 10:50 am in Stanley Thomas 302
  • Labs: R 9:30 - 10:45 am in Gibson Hall 325
Course Staff

• Instructor: Prof. Zizhan Zheng
  • Office: Stanley Thomas 307B
  • Office hours: MW 11:30 - 12:30pm
  • Email: zzheng3@tulane.edu
  • Research Interests: Networks, security, machine learning

• Teaching Assistant: Kristina Vandusen
  • Office: Gibson Hall 416B
  • Office hours: M 9:00 - 10:00 am
  • Email: kvanduse@tulane.edu
Textbook


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

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

• All grades will be posted on Canvas.

A >= 93%  A- >= 90%
B+ >= 87%, B >= 83%, B- >= 80%
C+ >= 77%, C >= 73%, C- >= 70%
D >= 60%
F < 60%
Homework

- About 11 homework assignments
  - posted to the course webpage on Thursday morning
  - HW1 will be given on Sep 7
  - due at the beginning of the Thursday lab in the following week
    - Exception: HW 5 due on Wed, Oct 11

- 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 final exam will be comprehensive.

• Dates
  • Midterm: Thursday, Oct 19, 9:30-10:45 am (tentative) in GI 325
  • Final Exam: Sunday, Dec 17, 10am-Noon in ST 302

• 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).
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.
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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