CSE 240

Logic and Discrete Math

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Today

- Organizational details
- Purpose of the course
- Material coverage
- Section 1.1 of the text
Internet Resources

Class webpage:

http://www.cse.wustl.edu/~zhang/teaching/cse240/Spring10/index.html
Lectures

- **Instructor:** Prof. Weixiong Zhang
- **Time:** Mon/Wed, 1-2:30pm
- **Place:** Whitaker 218
- **Attendance:** strongly encouraged, limited slide coverage, read the textbook
Office Hours

**Instructor:** Prof. Weixiong Zhang

**Time:** Monday, after classes (1 h)
or by appointment

**Place:** Jolley 528

**Attendance:** encouraged whenever you have questions
Office Hours

- **Instructors:** TAs
- **Time:** TBA
- **Place:** TBA
- **Purpose:** TA’s 1-on-1 interaction
Textbook

- Attending the lectures is **not** a substitute for reading the text
- Lectures merely highlight some examples
- Read the text, study the examples, and do as many exercises as humanly possible
Slides

- To refresh a lecture (e.g., while preparing for an exam) consult the slides

- The slides are on the web (posted prior to each lecture)

- **NO** substitute for the textbook!
Reading Assignment

- The Basic materials/concepts you must master

- Strongly encouraged to read more
Marking Scheme

- 5 out of 6 HW assignments
  (the lowest mark assignment will be dropped) 25%

- 5 out of 6 quizzes
  (the lowest mark quiz will be dropped) 15%

- 1 Midterm: 25%

- 1 Final Exam: 35%

Final grades –
- [95, 100]: A+
- [90, 95): A
- [85, 90): A-
- [80, 85): B+
- [75, 80): B
- [70, 75): B-
- [66, 70): C
- [60, 65): D
- <60: fail
Assignments

- 5 out of 6 will count: 5% each to the final
- Each will have ~8 problems
- Problems and solutions will be available on the web
- About 2-3 weeks per assignment
Assignments

- No late assignments will be accepted

- Can consult classmates, TAs, instructors, etc. But ...

- All assignments are due at 1:00pm on that day

- Use my mail box in Bryan 509, or bring to the class
Collaboration - Assignments

YES! You are encouraged to discuss problems in the assignments and solution ideas.

Nevertheless, each assignment handed in must be done by the person submitting it.
- Only discuss the main ideas.
- Don’t work out the detail together.

No labor division:
- “You do half of the problems and I do half…”
Acknowledgements

All discussions, hints, internet material, etc. must be properly acknowledged

Examples:


Quizzes

To reinforce what you learned (in textbook, lectures, homeworks – all covered so far)

~5 problems each quiz; 5 out of 6 will count, 3% each to the final

In class, open textbook only; Solutions will be available online

Every 2-3 weeks, informed ahead of time.
Exams

Midterm exam:
- March 15th
- In-class : 1.5 hour

Final exam:
- cover all materials, but emphasize the 2\textsuperscript{nd} part
- time - as per the time table
Missed Midterm

- Provide a justification for missing the exam within 5 working days

- Then the weight of the midterm may be transferred to the final

- No deferred midterm
Teaching Assistants (TAs)

- TAs:
  - are busy students
  - have other things to do in life…
  - may not necessarily be thrilled about grading

- It is in **YOUR** best interests:
  - To make your assignment/exam as clear as possible:
    - Write legibly or type
    - Explain all assumptions, notation, etc.
    - Credit ALL collaboration, reference materials
  - To ensure the entire package (staple, write your name, student ID, etc.)
Collaboration - Exams

Absolutely **NO** collaboration on:

- Midterm
- Final exam
Violation & Prosecution

- Any detected case of academic dishonesty will be *automatically* passed to the office of the Dean.

- The violator(s) will go there for a friendly chat with the associate dean.
Some Arithmetic

- Suppose you are running late and the due date is near…

- If you don’t hand in just one assignment:
  - No problem (only 5 out of 6 count)

- If you don’t hand in two assignments:
  - Lose 5% of the final mark

- Suppose you copy it from a friend:
  - We will most likely detect it
  - Violation on one HW problem, you lose score on that HW
  - Two violations, you get F for the final grade
  - Your friend will be prosecuted as well

- The choice is always yours…
Questions?