ICS 6B
Boolean Algebra and Logic
Winter 2015
Course Instructors

• Instructor: Prof. Sandy Irani

• Teaching Assistants:
  – Zachary Destefano
  – Mengfan Tang

• Readers
  – Prolok Sundaresan
  – Primal Pappachan
  – Xikui Wang
Course Meeting Times

• Lectures: MWF 2:00-2:50
  – BioSci3 1200

• Discussion
  – Four different groups (12, 1, 3, 4PM)
    • Two hours per week (Wed, Fri)
    • Lead by teaching assistants
    • No new material presented
    • Question and answer format
Course Web Page

• www.ics.uci.edu/~irani/w15-6B/6B
  – Office hours, contact info
  – Course administration
  – Schedule
    • Topics
    • Reading assignments
    • Homework/solutions
    • Quiz schedule
Course Grades

- Homework: (total of 8 out of 9) 5%
- Reading: 4%
- Quizzes: (total of 6 out of 8) 60%
- Final Exam: 30%
- Completing Course Evaluation: 1%
  - (Anonymous)
Course Grades

• Homework: (total of 8 out of 9) 5%

• Reading: 4%

• Quizzes: (total of 6 out of 8) 60%

• Final Exam: 30%

• Completing Course Evaluation: 1%
  – (Anonymous)
### Weekly Schedule

**Week x:**

<table>
<thead>
<tr>
<th>Mon</th>
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Wed: HW on topics ABC posted
Weekly Schedule

Week x:

- Mon: Topic A In lecture
- Wed: Topic B In lecture
- Fri: Topic C In lecture

Wed: HW on topics ABC posted

Week x+1:

- Mon: HW on topics ABC due in drop box by 3PM
- Wed: HW on topics ABC due in drop box by 3PM
- Fri: HW on topics ABC due in drop box by 3PM
Weekly Schedule

Week x:
- **Mon**: Topic A In lecture
- **Wed**: Topic B In lecture
- **Fri**: Topic C In lecture

Wed: HW on topics ABC posted

Week x+1:
- **Mon**: HW on topics ABC due in drop box by 3PM
- **Wed**: Solution to HW on ABC posted
Weekly Schedule

**Week x:**
- **Mon:** Topic A
  - In lecture
- **Wed:** Topic B
  - In lecture
- **Fri:** Topic C
  - In lecture

  **Wed:** HW on topics ABC posted

**Week x+1:**
- **Mon:**
- **Wed:** HW on topics ABC due in drop box by 3PM
- **Fri:**

  **Wed:** Solution to HW on ABC posted

**Week x+2:**
- **Mon:**
- **Wed:** Quiz on topics ABC
  - In lecture
- **Fri:**
Weekly Quizzes

• Quiz every Monday (except Jan 21 and Feb 18):
  – Starting in Week 3
  – Given during the last 20 minutes of lecture
  – Cover material from the previous homework assignment
  – Two lowest quiz scores dropped in calculating final grade
    • This covers all excused absences.
    • No make up quizzes.
  – No written solutions posted
    • Questions about quiz solutions answered in discussion
    • Blank quizzes (without solutions) posted prior to final
Weekly Quizzes

• Topics covered on quizzes correspond to HW

• Quiz format will be multiple choice or short answer
  – Format not announced in advance

• No electronics
  – No calculators
  – Laptops and tablets must be closed or stowed
  – No visible phones
Homework

• Homework due must be in dropbox around the corned from DBH 3013 by 2PM

• No late homework accepted.
  – Solutions posted right after they are turned in.

• Pick up graded homework from the reader who graded them (will be posted)

• Homework solutions will be posted on the course web page several days before the quiz.

• Scores posted on EEE (HW and Quizzes)
Questions on Grading?

• After each quiz or HW score is posted the person who graded it will post a note

• Questions on grading should first go to the person who graded it
  – Office hours preferred
  – By appointment as needed

• Come see me about unresolved grading questions.
Text (zyBook)

- Web-based, interactive text
  - Subscription for the quarter ($40)
    - zyBooks.com to sign up.
    - zyBook code: UCIICS6BWinter2015
  - Required for the course:
    - Data on activities is recorded and counts for a small portion of course credit.
    - You get credit if you eventually get the question correct.
• Student activities automatically time-stamped

  – Your progress visible on your dashboard

  – Reading for the first two weeks due at the end of the second week.

  – After the first two weeks, the reading for each lecture is due by 2PM on the day of the lecture.
Text (zyBook)

• Provide feedback:
  
  – Technical issues with your subscription:
    • support@zyBooks.com

  – Small bugs in the text
    • “Feedback” buttons in the text

  – Technical problems that prevent understanding material:
    • support@zyBooks.com
    • CC me: irani@ics.uci.edu

  – General ideas on how to improve the text
    • Come talk to me.
Board notes

• After each lecture, I will post the contents of the board generated from lecture
  – Purpose: reduce the amount of writing you need to do in class (not eliminate the need to take notes).

• Posted board notes are NOT a complete record of what happened in class

• You are responsible for whatever is said in lecture.

• If you can not read anything written during lecture, please ask!
Class attendance

• If you need to miss a class, ask a friend for notes.

• If you do not understand an example or idea presented in class
  – Ask a question
  – Write down your question and bring it to discussion section.
Piazza

• Online forum/”wiki”
  – All questions related to course content should be posted on Piazza (not asked by email).
  – Students can post anonymously
  – Collectively written/edited student solution
  – Instructor can mark “good question”/”good solution”
  – Instructors can add their own solution.

• The TAs and I will each check Piazza at least once a day.
Piazza

• **Post general administrative questions on Piazza**
  - e.g., What does quiz 1 cover?

• **Routine announcements will be posted on Piazza**
  - Time sensitive announcements will generate an email to the class.

• **Check Piazza at least twice per week.**
Piazza Questions

• Questions/comments can be posted anonymously to Piazza, but they are only anonymous to other students.
  – Instructors see the identity of any individual who posts on Piazza

• Before posting an administrative question to Piazza:
  – Check the course web page or Piazza announcements for an answer

• Before posting a question to Piazza about course content:
  – Check the text for an explanation
Questions

• The best way to get questions answered:
  – Discussion section
  – My office hours
  – TA office hours
Final Exam

- Friday, March 20, 1:30PM-3:30PM

- There are only two ways to miss the final and not get a 0:
  - Preapproved absence
    - Not a work commitment or family vacation
  - Unforeseeable emergency – documented
    - e.g., medical
Academic Honesty

• It’s important!

• Read the school policy.

• Write up your homework solutions on your own

• Keep your eyes on your own test/quiz.