Administrative Notes: Part 1

• Class 12:25-1:45pm
• Discussion Sections – Friday
• Teaching:
  - Michael Freedman (will lead Fri discussion sections; office hours by appt)
  - TA - TBA
Administrative Notes: Part 2

- Mailing lists
  - cs2100@list.eng.utah.edu
  - teach-cs2100@list.eng.utah.edu


- Course Website: www.coe.utah.edu/~cs2100
  - Course schedule
  - Due dates

- Workload
  - Lectures and problem sessions
  - Reading & practice problems
  - Homeworks, quizzes, final exam
Why Care about CS 2100

• Notes from Industrial Advisory Board:
  – Most needed skills from CS2100:
    • Logic
    • Sets/Boolean Logic
    • Combinatorics/Probability
  – Logical thinking about discrete objects
    – Foundations of CS
    – Makes us unique/distinct among engineers
• Career issue:
  – What do we offer a potential employer besides ability to program?
  – Problem solving, planning, design, communication...
What Else?

• Learn how to learn
  – Learning difficult things by reading
  – Learn what questions to ask
  – Recognize what you don’t understand and how to fix it

• Learn how to think about abstract things
  – And their relationships to everyday thoughts

• Have Fun?
Course Overview

• Logic and Proofs (Chap. 1, 2)
• Sets (Chap. 3)
• Functions and Relations (Chap. 4)
• Counting (Chap. 5)
• Probability and Chance (Chap. 6)
• Graphs and Networks (Chap. 7)
Grading

• Homework: 10%
• 5 Tests (best 4 out of 5): 60%
• Final exam: 30%

• Grading policy

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Homeworks

• Due at the beginning of each quiz
• You may work with others
• No attempt to hide the answers
  – Answers will be discussed in lectures and problem sessions
• Must be original document in your own handwriting (i.e. pen or pencil)
  – No photocopies, no printouts
• Each assignment will be graded pass/fail
  – “pass” is “most of the questions are done almost entirely correct”
• No negotiating grades
Quizzes and Final

- Quizzes:
  - Approximately every 3 weeks
  - Jan 28, Feb 16, March 9, April 1, April 20

- Final exam
  - April 30, 10:30-12:30
Some Advice

• Learn how to read/understand the book
  – Reading is not programming
  – Set aside time
  – Find a place/atmosphere
  – Sections and breaks

• If you need, find online resources
  – But be careful

• Do lots of problems and examples
  – Attend the Fri sessions (come prepared)

• Find or form a study group
Accommodation

- Specialized needs
- Personal beliefs
Questions?