CSc 252:
Computer Organization

**Instructor:**
Russ Lewis

**TAs:**
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What is it?

• Prerequisites
  - 210
  - Familiarity with C and/or Java

• Key Topics
  - Assembly language (MIPS)
  - CPU design (logic, ALUs, pipelining, cache)
Class Format

• **Required** Readings
  (due before first class each week)
  URL: https://learn.zybooks.com
  Code: ARIZONACSC252LewisFall2018
  - Short quizzes

• Lecture
  - Some In-Class Activities
  - Some lecture/discussion
Tests

- Tests
  - Every 2 weeks (6 total)
  - 25 minutes long
  - Stay for lecture afterwards

- Final Exam
  - Much longer
  - Fri, 7 Dec, 1-3 pm

- All exams:
  - Closed book
  - Closed notes
Homework

- Homeworks help you study for the test
  - Due in class, day of the test
  - Hard copy, not electronic
    - Email OK for DRC students
    - Typewritten strongly preferred
  - Will be checked for completion, not graded for correctness
Projects

- Due on Wednesday at 5pm, most weeks
- Turn in using D2L

- Some projects focus on writing assembly
- Others focus on hardware simulation

- Use the grading scripts!
Grading Scale

• Standard 90/80/70/60 scale
  – Might lower the bar, never raise it
  – No extra credit

• Distribution:
  – 5% Online Readings
  – 35% ASM Projects
  – 10% Sim Projects
  – 5%+30% Tests, Homework
  – 15% Final
Late Policy

- 3 Late Days
  - Used for Projects only
  - No more than 1 per assignment

- 0% otherwise

- Emergencies: talk to me, or a TA
Key Websites

- http://lecturer-russ.appspot.com/classes/cs252/fall18/
  - Class homepage
- http://piazza.com
  - Questions
- http://d2l.arizona.edu
  - Grades
  - Turn in projects
- Panopto (class recordings)
  - Access through “UA Tools” menu on D2L
Contacting Us

- **Best: Piazza**
  - Other students probably want to know the same thing!

- **cs252f18@cs.arizona.edu**
  - Please only if Piazza is not workable

- **Email me directly**
  - If you have a private matter
Office Hours

• Office Hours (Room 829)
  – MW noon-2

• TA Office Hours
  – TBD (we'll post on the website)

• CS Department Tutoring Center:
  – G/S 942 (open throughout the week)
  – Open 2\textsuperscript{nd} week
Misc. Notes

- I cannot drop/add/change you
  - Talk to the Advising Office

- DRC
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Academic Integrity

YOUR WORK MUST BE YOUR OWN
Academic Integrity

- OK to discuss problems \textit{“in broad terms”}
  - “What is Russ asking us to do?”

- \textbf{NOT OK} to discuss solutions
  - “How did you solve the problem?”

- \textbf{NOT OK} to look at others' code
Academic Integrity

- Always OK to talk to TAs & Instructor
  - Ask anything!
  - We might say “can't tell you”
  - We'll never penalize you for a question

- Piazza a good place for general questions
  - Clarification of assignments
Academic Integrity

Penalties:

• Minimum:
  – negative 100% on the assignment
    • Better to skip the assignment than cheat!
  – Letter to the Dean's office

• Can be more!
Academic Integrity

YOUR WORK MUST BE YOUR OWN