CSc 252: Computer Organization

Instructor: Russ Lewis

TAs: TBD
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: [zybooks.com](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

Schedule on class homepage
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
  – 5% In-Class Activities (drop 10%)
  – 30% 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)
  - Tu/Th  9-11

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

- CS Department Tutoring Center:
  - G/S 942  (open throughout the week)
  - Open 2nd 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 "in broad terms"
  - "What is Russ asking us to do?"

- NOT OK to discuss solutions
  - "How did you solve the problem?"

- 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