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:  ARIZONACSC252LewisSpring2018
  - 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
  - Wed, 9 May, 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:
  - 3%+2% Online Readings
  - 5% In-Class Activities
  - 30% ASM Projects
  - 10% Sim Projects
  - 5%+30% Tests (in class)
  - 15% Final

- Will drop:
  - 2 Reading Quizzes
  - 10% of ICAs
  - 1 Asm Proj (not Sim)
  - 1 Test (not 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

- [https://lecturer-russ.appspot.com/classes/cs252/spring18/](https://lecturer-russ.appspot.com/classes/cs252/spring18/)
  - Class homepage
- [http://piazza.com](http://piazza.com)
  - Questions
- [http://d2l.arizona.edu](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!

- cs252s18@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 918  (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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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

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