

CSE 30 F17

Computer Organization and Systems Programming

Our Machines

- Raspberry Pis
- ARM architecture
- `ssh pi-cluster.ucsd.edu`
- First PA will get you set up



In Class



Textbook(s) and Reading

- Two textbooks, ebooks free through library.ucsd.edu (links on web page)
- Harris et al. is about architecture & systems programming; our main reference
- Hohl et al. specifically an ARM assembly reference; supplemental (only 6 viewers at a time)
- Other (free) online readings about C programming

Lecture and Notes

- I post everything related to lecture online:
 - Podcasts
 - Lecture slides/notes
 - Sample code from lecture

Course Layout

- 1-3 reading quizzes each week
- Participation graded by clicker questions
- 6-7 total programming assignments
- 2 midterm tests, one final

Discussion Sections

- Monday evening 7-8 and 8-9 PM
- Two main themes:
 - Discuss PAs/extra PA help
 - Review for midterms and final

Asking for Help

- Most questions should go to Piazza – we have a policy page on the syllabus to read before you do
- Lab hours home base in B260 – schedule for tutors and TAs coming next week
- Any sensitive/private questions, send me email! jpolitz@eng.ucsd.edu, put "CSE30 Student" in the subject. Course content questions should go to Piazza — you'll get a faster response from the staff plus me than from me alone.

piazza

EBU3B - BASEMENT FLOOR PLAN



Academic Honesty

- You will complete a tutorial and sign a pledge to follow honesty policies as part of your first assignment
- Don't share, look at, or describe in detail assignment code to one another

Waitlist/Enrollment

- I don't control the waitlist and enrollment
- Contact Academic Advising (<https://cse.ucsd.edu/undergraduate/undergraduate-advising>)

Announcement

No lecture on Monday, October 2. I'm travelling:

**A CS Education Summit in Pittsburgh:
Addressing the Challenges of Increasing Interest in Computing at the
Undergraduate Level through Institutional Transformation**



Immediate TODOs

- Bookmark the web site:
<https://github.com/ucsd-cse30-f17/syllabus>
- PA0 is posted; it is for account setup, no real programming
- First reading is posted on the Schedule link of the web page, a quiz will be posted later today.

