ECS017: Data, Logic, and Computing
Winter 2024

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Information sheet

Class Web page: https://www.cs.ucdavis.edu/~koehl/Teaching/ECS17/index.html
Check here for announcements, handouts (pdf and ppt), recommended readings, quizzes, assignments, etc.

Lectures: MWF 11:00– 11:50 am, Olson hall 6
Discussion:
        A01: M 12:10 = 13:00 pm, Olson hall 158
        A02: W 12:10 = 13:00 pm, Olson hall 158

Office hours: Fri 4:00 – 6:00 pm Kemper Hall, Room 3059; also by appointment (send me an e-mail)

Contacts: koehl@cs.ucdavis.edu
I answer to ALL e-mails. I do NOT guarantee however that I answer PROMPTLY…

Attendance:
- You are expected to attend lectures, and you are responsible for the material discussed in class.
- Discussions are optional but strongly recommended. I will be there, to discuss class materials

Exams:
There will be two midterms and one final.

Grading: 10% homework, 20% midterm 1, 30% midterm 2, 40% final.

Course Description:

I.   Data: how do we communicate with a computer?
II.   Computers: CPU and hardware
III.   Logic
IV.   Methods of proof
V.   Counting and permutations
VI.   Algorithms