ECS017: Data, Logic, and Computing
Winter 2025

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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 3:10– 4:00 pm, TLC 3215
Discussion:
      A01: W 12:10 – 1:00 pm, TLC 1218
      A02: F 12:10 – 1:00 pm, Hoagland hall 168

Office hours: Mon and 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: 15% quizzes, 20% midterm 1, 30% midterm 2, 35% 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