

ECS017: Data, Logic, and Computing

Winter 2026

Patrice Koehl (koehl@cs.ucdavis.edu)

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 9:00– 9:50 am, Wellman Hall 106

Discussion:

A01: M 2:10 pm – 3:00 pm, Walker Hall 1320

A02: W 2:10 pm – 3:00 pm, Walker Hall 1320

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