

Course information — CS 4820

This is a quick summary of administrative information. Please visit <http://www.cs.cornell.edu/w8/~yogi/cs4820/index.html> for more details.

§ 1. Staff and office hours

- Time and place: Monday through Friday 8:30 to 9:45 in Upson 207.
- Instructor: Yogi Sharma. 4106 Upson Hall. ys246@cornell.edu. Office hours: Mon, Wed, Fri: 10–11, Tue, Thu: 3–4. Or by appointment.
- Consultant: Gautam Kamath. gck43@cornell.edu. Office hours: Mon, Thu: 1–2 (328 Upson).

We have two mailing lists.

- cs4820-1@cs.cornell.edu: All students should subscribe to this mailing list. Broadcast messages to students will be sent using this list.
- cs4820-staff-1@cs.cornell.edu: If you want to contact the course staff, this mailing list is preferable to sending email to individual people.

§ 2. Homeworks, prelim, and final

- Nine homeworks, each week due on Tuesday and Friday (at the start of the lecture).
- You are encouraged to discuss ideas about homeworks in groups of at most three, but you must write your own solutions.
- Prelim: Tuesday, July 27. (In class, open notes and open book).
- Final exam: To be decided based on preference of students. Either on Aug 12, or Aug 13.

§ 3. Grading

- Homework (50%), Prelim (25%), and Final (35%) (minus 10% for the worst component). Extra points for things like participation in class, filling out course evaluations etc.
- Sign up on CS course management to view course grades <http://cms.csuglab.cornell.edu/>.
- Regrade policy: Requests for regrade must be submitted within three (3) days of handing out the graded homework. Submit only if you think your solution was marked incorrect.

§ 4. Academic integrity

- Any violation of academic integrity will be severely penalized.
- Cornell's Code of Academic Integrity: <http://www.cuinfo.cornell.edu/Academic/AIC.html>.

§ 5. Prerequisites and text

The official prerequisites for the course are CS 280/2800 and 312/3110.

- Course text: Algorithm Design by Jon Kleinberg and Eva Tardos. Available at Campus Store. Two copies on reserve in the Engg. Library. Some topics from outside of book are covered.
- Other useful reference books:
 - T. Cormen, C. Leiserson, R. Rivest, C. Stein. Introduction to Algorithms (On reserve).
 - A. Aho, J. Hopcroft, J. Ullman. The Design and Analysis of Computer Algorithms.
 - M. Garey and D. Johnson. Computers and Intractability .
 - D. Kozen. The Design and Analysis of Algorithms.
 - M. Sipser. Introduction to the Theory of Computation.