

Student Information Sheet
Mathematics 55: Discrete Mathematics
Fall 2003
TuTh 2–3:30, 2050 VLSB

Professor: J. Strain, 642–3656, 1099 Evans.

Office Hours: Tu 4–6, Th 5–6 or by appointment.

Head GSI (Enrollment Issues Only): Shahed Sharif, shahed@math.berkeley.edu.

GSIs: Bernard Anderson baander@math.berkeley.edu, Daniel Schepler schepler@math.berkeley.edu, Charles Smart smart+gsi@math.berkeley.edu.

Discussion sections: Discussion sections will meet Mondays and Wednesdays and will be mostly devoted to problem solving, quizzes and questions. Student participation will be required.

Textbook:

- Kenneth H. Rosen, *Discrete Mathematics and its Applications*, 5th edition, McGraw-Hill, 2003. We will cover Chaps. 1–8 thoroughly. You are strongly encouraged to read the relevant sections of Rosen *before* attending lectures.
- The *Student Solutions Guide* for Rosen is also recommended.
- Supplementary notes on probability theory by Prof. Lenstra are available from the course website.

Web Page: <http://math.berkeley.edu/~strain/55.F03/index.html> will contain course-related announcements, handouts, and sample exam problems.

Grading: Homework 10%, Quizzes 10%, Midterms 20% each, Final 40%. We will count only the top 10 homeworks and quizzes and the final exam score will override any lower midterm score; thus the grade G will be computed by the formula

$$G = (H + Q + 2 * \max(M_1, E) + 2 * \max(M_2, E) + 4 * E) / 10,$$

where H is the total score on the best 10 homework sets, Q is the total score on the best 10 quizzes, M_i is the score on midterm number i and E is the final exam score, all lying between 0 and 100.

Homework: About twenty problems will be due at the beginning of section each Wednesday. (Exception: Homework will be due Mondays in exam weeks.) No late homework can be accepted as solution sheets will be available on the course web page shortly after homework is due.

Quizzes: Every Monday in section there will be a short quiz on the material of the previous week.

Exams: No books, notes, electronics, scratch paper or collaboration will be permitted at any exam. Student photo ID and a blue-covered exam booklet will be required at each midterm and the final exam.

The first midterm (covering Chaps. 1–3 of Rosen) will be held in class Thursday Sep 25. The second midterm (Chaps. 1–6) will be held Thursday Nov 6. No make-up midterms will be given; instead, missing midterm scores will be overridden by the final exam score.

The final exam will be held from 12:30 to 3:30 pm on Friday Dec 11, and will cover the material of the entire course. There will be no make-up final exams. If you are unable to attend the final exam due to documented and unexpected circumstances beyond your control, and you have a C average on the remainder of the coursework plus a signed note from a physician or equivalent, an incomplete may be assigned.