

**Student Information Sheet**  
**Mathematics 55: Discrete Mathematics**  
**Spring 2001**  
**TuTh 2–3:30, F295 Haas**

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

**Office Hours:** TuTh 11–12 or by appointment.

**Head GSI (Enrollment Issues Only):** Elena Drozd, 1020 Evans Hall.

**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.

Section	GSI	Time	Room
101	Kei Nakamura	MW 8–9	4 Evans
103	Kei Nakamura	MW 9–10	3 Evans
104	Apollo Hogan	MW 9–10	2 Evans
105	Apollo Hogan	MW 10–11	3109 Etcheverry
106	Devin Greene	MW 11–12	6 Evans
107	Nicholas Meyer	MW 11–12	4 Evans
108	Nicholas Meyer	MW 12–1	2 Evans
109	David Lippel	MW 1–2	105 Stanley
110	David Lippel	MW 2–3	105 Stanley
111	Gizem Karaali	MW 3–4	3107 Etcheverry
113	Gizem Karaali	MW 4–5	2 Evans
114	Devin Greene	MW 4–5	105 Stanley

**Textbook:** Kenneth H. Rosen, *Discrete Mathematics and its Applications*, 4th edition, McGraw-Hill, 1999. We will cover Chapters 1–7 thoroughly. The *Student Solutions Guide* for Rosen is also recommended. You are strongly encouraged to read the relevant sections of Rosen *before* attending lectures. Supplementary notes on probability theory by Prof. Lenstra are available from the course website.

**Web Page:** <http://math.berkeley.edu/~strain/55.S01/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 covering the lecture material of each week will be due at the beginning of your section on Wednesday the following week. (Exception: Homework will be due Mondays in exam weeks.) No late homework can be accepted as solution sheets will be available at Copy Central (Southside) and 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, calculators, 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 will be held in class Thursday February 15, and will cover Chapters 1–3 of Rosen. The second midterm will be held in class Thursday April 5, and will cover Chapters 1–5 of Rosen. 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 May 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.