

UNIVERSITY OF NOTRE DAME
MATHEMATICS DEPARTMENT

Math. 104 - Finite mathematics
Fall 1998

INSTRUCTOR Professor Mario Borelli
OFFICE(S) Room 236 Security Tel. 1-7514
Room 303 CCMB Tel. 1-7334
OFFICE HOURS Tuesday, Thursday 9:00 -- 10:30 a.m. - Room 236 Security
or by appointment. Unless traveling, I am usually in my Security office
daily from 8:00AM to 5:00PM. Feel free to show up at any time
(Secretary's name: Mary) I will not chase you away. But it is advisable to
make sure I am in, it's a walk to the Security Building!
TEXTBOOK Finite Mathematics and its Applications, by L.J. Goldstein, D.I.
Schneider and M.J. Siegel. (5th Edition) Prentice Hall.

CONTENT We hope to teach the material contained in the following chapters of the
textbook, in the order given:

5, 6, 7, 1 (review), 2, 3, 8 or 9 depending on time.

CLASS WORK	Homework			100 points
	Class Exams	3 @	100 pts	300 points
	Final Examination			200 points
	TOTAL			600 points

SCHEDULE	Homework :	Assigned day X	Due on X + 2
	Class Exams :	#1 Tuesday	September 22
		#2 Tuesday	October 27
		#3 Tuesday	December 1

The first two class exams will be held in the Cushing Auditorium, from 8:00AM to 9:15 AM. The third will be at the same time in DBRT 101.

Final Examination Wednesday, December 16, 1:45 - 3:45

GRADING The *breakpoints* determining the correspondence between numerical and letter grades are not specified at this time. The one guaranteed fact is that **a numerical grade of 55% or more of the maximum possible is a passing grade (D or higher.)** The class will not be graded on a curve, the instructor being perfectly willing either to pass all students with an A or to have no grade higher than D, if the situation warrants it.

ATTENDANCE Once the instructor has learned most of the students' names, an attendance sheet will be circulated on every class day. While attendance may not be mandatory, an excessive (≥ 4) number of unexcused absences will result, at the instructor's discretion and after prior written warning, in a considerable lowering of the final grade.

HOMEWORK

The instructor personally encourages all of you to work in teams, of no less than three nor more than four. If only one member of a team does all the work, the slackers show up in the first exam, while if all members contribute to the best of their ability, the whole team membership does better. Feel free to hand in one common homework (with a resulting common grade) for all members of a team, but do identify the members. Lack of identification means "zero" for that homework.

EXAMS & QUIZZES

Examinations will be conducted according to the standards of the University's Honor Code. **No team work allowed here!** The instructor may be occasionally present to answer questions, but not to act as a proctor.

Unannounced quizzes may be given on any class day (this is unlikely, unless the instructor notices an appreciable increase in absences.)

HELP SESSIONS

Starting on September 1 through December 10 there will be **evening help sessions** available, according to the following schedule:

Monday, Wednesday 6:30 – 8:30 PM

Nieuwland Science Hall, Room 118

The instructor strongly encourages students to take advantage of this additional help provided by the Mathematics Department.

COURSE CONTENT

(from the textbook, in the order used in class))

- Chapter 5 All sections but 5.8
- Chapter 6 All sections
- Chapter 7 All sections
- Chapter 2 2.1, 2.1, 2.3, 2.5 (only for solving systems)
- Chapter 8 8.1 and 8.2
- Chapter 10 All sections