Mathematics 104, Finite Mathematics – Fall Semester 2003

General Information

Textbook: *Finite Mathematics and its Applications, Seventh Edition*

Instructor: Juan Migliore
Office Hours - Tuesday 2-3 PM, Wednesday 10–11 AM, or by appointment
Office - Hayes-Healy 236
Phone - 631-7345
Email - migliore.1@nd.edu

Time and Place of Class:
MWF 1:55–2:45 PM in 117 Hayes-Healy Center;

Syllabus: We will cover Chapters 1, 2, 3, 5, 6, 7 plus at least one other chapter.

Electronic Course Information: Most information for this course, including homework assignments, will be announced in class, and also posted on the web at
http://www.nd.edu/~jmiglior/homepage104.html

Exam and Homework Schedule:

<table>
<thead>
<tr>
<th></th>
<th>Date</th>
<th>Day</th>
<th>Time</th>
<th>Room</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Midterm 1</td>
<td>Oct. 3</td>
<td>Friday</td>
<td>in class</td>
<td>HAYE 117</td>
<td>100</td>
</tr>
<tr>
<td>Midterm 2</td>
<td>Nov. 7</td>
<td>Friday</td>
<td>in class</td>
<td>HAYE 117</td>
<td>100</td>
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<tr>
<td>Midterm 3</td>
<td>Dec. 5</td>
<td>Friday</td>
<td>in class</td>
<td>HAYE 117</td>
<td>100</td>
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<tr>
<td>Final</td>
<td>Dec. 17</td>
<td>Wednesday</td>
<td>1:45–3:45 PM</td>
<td>TBA</td>
<td>150</td>
</tr>
<tr>
<td>Homework</td>
<td></td>
<td></td>
<td>collected weekly – class activities and quizzes</td>
<td></td>
<td>50</td>
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<tr>
<td>Total Points:</td>
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<td>500</td>
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Cutoffs for major grades (A, B, C, D, F) will be assigned for each exam and announced in class so students have some indication of their level of performance. Your final grade will be assigned on the basis of your total score out of 500.

Missed exams: Note that there will be three Midterm Exams and a Final Exam. A student who misses an examination will receive zero points for that exam unless he or she has written permission from the Dean of the First Year of Studies. Please be aware that travel plans, sleeping in, defective alarm clocks etc are not considered to be a valid excuse by the Dean of the First year of Studies! If you have a valid excuse (illness, excused athletic absence etc) for missing an exam, please see me ASAP (preferably before the exam) and a makeup exam will be scheduled.

Exam conflicts: Students with more than 2 finals in one day, or more than 3 finals in a 24 hour period, may negotiate to change the time of one of these finals. If you intend to request to have the time of your Math 104 final changed, you must talk to your instructor before the end of November.

Honor Code: Both examinations and homework and quizzes are conducted under the honor code. While collaboration in small groups in doing homework is permitted (and strongly encouraged) in this course, everyone must write up their own homework. Exams are closed book and are to be done completely by yourself with no help from others.

Homework: Homework from the text will be assigned each class meeting and collected once a week. You are encouraged to work on homework in groups, but the assignments must be turned in individually.
Remember that you will not learn anything by simply copying another student’s work. The main purpose of the homework is to help you learn the material. Experience shows that students who take their homework seriously do very well in the course because they have a better understanding of the material.

**Homework collection policy:** Homework assignments will be collected at the beginning of class on the assigned day. The two lowest homework scores will be dropped, which means absolutely **no late homework** will be accepted.

**Class Attendance:** A first-year student who accumulates more than 3 unexcused absences may be given an F.

**Classroom Policies:** On a typical class day, I will spend the beginning of class answering questions, with the remainder of the class being the day’s “lecture.”

If you have numerous questions on some topic, you should come to see me before the next class as there will likely not be sufficient time to answer all of your questions. During “lectures” you are encouraged to actively participate by answering and asking questions. I hope you will find the classes interesting and worthwhile.

Please do your best to show up on time and quietly enter the room when this is not possible. Please remember to respect your colleagues who are here to learn. Indeed, class disruptions will **not** be tolerated and the offending parties will be asked to leave.

**Study Suggestions:** After each lecture, it is often useful to go back over it. Ask yourself what is the main problem of the day and then review its solution. Rewrite your notes in your own words if that helps. Read the corresponding section(s) of the book and see if the examples there make sense. Then begin the homework problems. If you have questions, try to get help before the next class. It will also be very helpful to you to look over the portion of the text to be covered next class and come to class prepared with questions about any part of the material that is unclear to you.

**Getting Help:**

- See me in office hours or make an appointment.
- **Mathematics Department Help Session:** There will be help sessions offered by an undergraduate student. The schedule will be posted on the Math 104 Web page and announced in class.
- **Learning Resources Center (LRC) Help:** You may also obtain valuable assistance from the LRC in the First Year of Studies (see additional sheet). You must sign up for the Collaborative Learning Program or Tutoring Program with Ms Nahid Erfan, Director of LRC, if you wish to participate, and regular attendance is then required. Sign-up and regular attendance are **not** required for the Math 104 Workshops.

**Calculators:** You may use a graphing calculator on all homework assignments and exams.