

## Course Information Sheet

Mathematics 221, Section 002, Spring 2009, Avery Hall 108  
10:30a.m.-11:20a.m., M,W,F.

**Instructor:** Prof. Mohammad A. Rammaha. Office: 240 Avery Hall. Phone: 472-7258.  
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**Office Hours:** 1:45-2:30 p.m. M-W-F (Subject to change) or by an appointment.

**Text:** *Differential Equations, Computing and Modeling*, by Edwards and Penney, Fourth Edition. Please bring your text to each class meeting—we may use it as a source of examples to work during class.

**Calculators:** A graphing calculator may be useful (**but not required**) for this course.

**General Expectations:** You are expected to take notes during each lecture. These notes, along with the text are the key sources for studying. Studying and working out problems is expected to be a daily affair (Five days a week). Performance at a high level in this class is very much expected.

**Resources:** When you need help with something in the course, there are some options:

- Talk to your friends and other students in class. Together you can often figure out things you didn't understand alone.
- Come and talk with me —especially if it's about something I did in class. The best time to be sure of finding me is in my office hours, but you can call or e-mail me to arrange another time.

**Homework:** You are responsible to work all of the assigned problems on the syllabus after each period, and before the next class meeting. The homework will not be collected for grading.

**Quizzes:** There will be no quizzes in this class.

**Exams:** There will be three mid-term exams and a final exam. The midterms will each be 55 minutes long, and the final will be two hours. The dates for the midterms that appear on your syllabus are **approximate dates**. An exact date for each midterm will be announced in class a week or so in advanced

*WARNING: Please consult your calendar to be sure that you can take all the exams.* If you have a conflict, it would be a good idea to enroll in a different section or take the course another time. **There will be no make-up midterm exams.**

A VERY GOOD WAY TO PREPARE FOR MIDTERM EXAMS is to be sure you have understood the reading and done (and understood!) all of the assigned problems. Many of the questions I ask are closely related to the homework and particularly **to the examples shown in class**.

**Grading Policy:** The following table shows how points will be awarded in this course:

|               | Number | Pts. | Total     |
|---------------|--------|------|-----------|
| Midterm Exams | 3      | 100  | 300       |
| Final Exam    | 1      | 200  | 200       |
| <hr/> TOTAL   |        |      | <hr/> 500 |

**IMPORTANT BONUS AND CONDITIONS:** If your score on the final exam (percentage-wise) is greater than the scores on one or two **Eligible** midterms, then these scores will be replaced by that of the final exam score; **PROVIDED** the following condition is fulfilled.

- You must take all of the three midterm exams.

Note that the **only** midterm exams that are eligible for replacement are the ones with a score of 50% or higher. For example, suppose the following scores belong to you.  $Ex1 = 40, Ex2 = 50, Ex3 = 85, Final = 140/200$ . Then, the score on exam 2 will be changed to 70. On the other hand, if your scores are  $Ex1 = 50, Ex2 = 60, Ex3 = 80, Final = 180/200$  Then, the following change will take place.  $Exam1 = 90, Exam2 = 90$ .

At the end of the course your final grade will be based on your average, and it cannot be any worse than the following table:

|                    |        |       |       |       |       |       |       |       |       |       |       |        |
|--------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| $\leq$ Average $<$ | 90-100 | 87-90 | 84-87 | 80-84 | 77-80 | 74-77 | 70-74 | 67-70 | 64-67 | 60-64 | 55-60 | $< 55$ |
| Grade              | A      | A-    | B+    | B     | B-    | C+    | C     | C-    | D+    | D     | D-    | F      |

**Department Grading Appeals Policy:** Students who believe their academic evaluation has been prejudiced or capricious have recourse for appeals to (in order) the instructor, the departmental chair, the departmental appeals committee and the college appeals committee.