

# M408M

## MULTIVARIABLE CALCULUS

### PROF INFO

**PROFESSOR:** Kathy Davis    **PHONE:** 471-0128  
**OFFICE:** RLM 9.138                    **OFFICE HOURS:** MW 1-2:30  
**EMAIL:** davis@math.utexas.edu  
**WEB SITE:** <http://www.ma.utexas.edu/users/davis/408M>

### TA INFO

TA's: See page 2

### GRADING

**HOMEWORK**    0%    Practice Problems only; posted Th.  
**QUIZZES**       20%    Twice Weekly, TTh. Lowest dropped.  
                    No cheat sheets.  
**Exams**           60%    Three exams, not cumulative. None dropped.  
                    Cheat sheets OK. See p3 for dates  
**Final**           20%    Not cumulative. See p3 for dates. Be There.  
**Make-Ups**       Documented illness or pre-arranged absence.  
**Cheat Sheets**    One 8.5 by 11 sheet; anything you want on it.  
                    For Exams & Final, not Quizzes.

### GRADES

|           |    |
|-----------|----|
| 89.6-100  | A  |
| 88.6-89.5 | A- |
| 79.6-88.5 | B  |
| 78.6-79.5 | B- |
| 69.6-79.5 | C  |
| 68.6-69.5 | C- |
| 59.6-68.5 | D  |

NOTE: No A+, B+, C+ grades

### CLASS MEETS

MW 11:30-12:50 CPE 2.214; TTh 11:30-12:20 CPE 2.214

### TEXT

Stewart, Calculus, Early Transcendentals, Seventh Edition

### TOPICS

Chaps 10, 12-15 . Detailed syllabus :

<http://www.ma.utexas.edu/academics/courses/syllabi/M408M.php>

### GOALS & PREREQS

**Goals:** This course emphasizes computational ability and geometric understanding in calculus. It isn't a theorem/proof class, but *it is the advanced class and it does move fast*. Class notes are v.important.

**Prereq:** one of: M408C, M408KL, M408NS

### OTHER

The University of Texas provides appropriate academic accommodations for qualified students with disabilities. For more information, contact the Office of the Dean of Students at 471-6259, 471-6441 TTY. If you plan on using accommodations, you need to notify your Instructors early in the semester.

## **FINAL EXAM DATE**

August 11

## **PLAN AHEAD - NO EARLY FINALS.**

### **EXAM DATES**

E1 Thurs June 28

E2 Thurs July 12

E3 Thurs August 2

### **COMPUTING YOUR GRADE**

before final:  $\alpha = [ (20 * (\text{Quiz Average}) + .6 * (\text{Exam Average})) ] / .8$

after final:  $\beta = .8 * \alpha + .2 * \text{Final}$

Your average determines your grade: no special deals, no retakes, no curves. Thus, you're able to compute how you're doing at any time in the course.

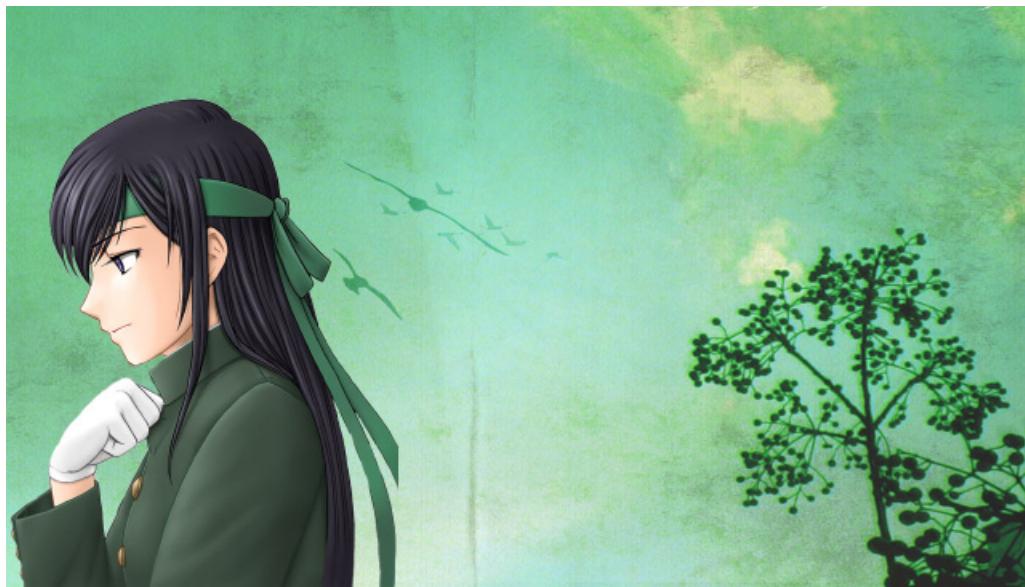
### **REGRADES**

From our standpoint, a regrade is to correct errors. You should ask for a regrade to correct things that you feel we missed, or graded unfairly.

I will **never** lower your grade.

### **THE RULES**

- 1) Mark the questions you want me to look at, and give the exam to the TA or me.
- 2) Don't ask 'look at everything I missed to give me extra points'
- 3) Ask for the regrade within about a four days after you get it back.
- 4) I'll bring the regraded paper to class with me, usually the next class day



Sachiko: Maria-sama ga Miteru

## TA INFO

Your TA, your TA session, and all your exam and quiz times are determined by the unique number you are assigned. If you switch sections, your material will not be graded. Exceptions can be granted by your TA (eg, I work then; I overslept...).

**UNIQUE 92070 TTh 1-2:30 ENS 116**  
**TA: Mr. Monin**      **PHONE: TBA**  
**OFFICE: TBA**      **OFFICE HOURS: TBA**  
**EMAIL: pmonin-at-math-dot-utexas-dot-edu**

**UNIQUE 92080 TTh 2:30-4 RLM 5.122**  
**TA: Mr RAUH**      **PHONE: 512 475-9521**  
**OFFICE: RLM 12.132**      **OFFICE HOURS: TBA**  
**EMAIL: nrauh-at-math-dot-utexas-dot-edu**

## A NOTE ABOUT STUDYING

I taught this course Spring 2012. I did a really mean thing on exam three: I put on it a problem I had worked in class and told everyone was important. About 80% of the class had no idea how to even start the problem.

I did a really mean thing on the final: it was only two questions long, and I put on it two problems I had worked in class. About 80% of the class had no idea how to even start the problems.

Is there a point to this story? You decide.



Cast & Crew of El Cazador de la Bruja.  
Clockwise from top:  
Ricardo (bounty hunter);  
Ellis (bruja; wanted for murder)  
Nadie (bounty hunter)  
Lirio (Ricardo's adopted child of Lone Wolf)  
Blue-Eyes (bruja, special ops)

|         |    |                       |
|---------|----|-----------------------|
| 6/11/12 | M  | First Class Day; 10.1 |
| 6/12/12 | T  | 10.1, 10.2            |
| 6/13/12 | W  | 10.3                  |
| 6/14/12 | Th | 10.3, 10.4; Quiz      |
| 6/15/12 | F  |                       |
| 6/18/12 | M  | 10.4, 10.5            |
| 6/19/12 | T  | Quiz; 12.1, 12.2      |
| 6/20/12 | W  | 12.3                  |
| 6/21/12 | Th | Quiz; 12.4            |
| 6/22/12 | F  |                       |
| 6/25/12 | M  | 12.4, 12.5            |
| 6/26/12 | T  | Quiz; 12.5            |
| 6/27/12 | W  | 12.5                  |
| 6/28/12 | Th | Exam1; 12.6           |
| 6/29/12 | F  |                       |
| 7/2/12  | M  | 13.1                  |
| 7/3/12  | T  | 13.2                  |
| 7/4/12  | W  | No Class              |
| 7/5/12  | Th | 14.1                  |
| 7/6/12  | F  |                       |
| 7/9/12  | M  | 14.2, 14.3            |
| 7/10/12 | T  | 14.3                  |
| 7/11/12 | W  | 14.3, 14.4            |
| 7/12/12 | Th | Exam 2; 14.5          |
| 7/13/12 | F  |                       |
| 7/16/12 | M  | 14.5, 14.6            |
| 7/17/12 | T  | Quiz; 14.6            |
| 7/18/12 | W  | 14.6                  |
| 7/19/12 | Th | Quiz; 14.7            |
| 7/20/12 | F  |                       |
| 7/23/12 | M  | 14.7                  |
| 7/24/12 | T  | 14.8                  |
| 7/25/12 | W  | 14.8                  |
| 7/26/12 | Th | Quiz; 14.8            |
| 7/27/12 | F  |                       |
| 7/30/12 | M  | Quiz; 15.1, 15.2      |
| 7/31/12 | T  | 15.3                  |
| 8/1/12  | W  | 15.3                  |
| 8/2/12  | Th | Exam 3 15.3           |
| 8/3/12  | F  |                       |
| 8/6/12  | M  | 15.4                  |
| 8/7/12  | T  | 15.6                  |
| 8/8/12  | W  | 15.10                 |
| 8/9/12  | Th | Last Class Day, 15.10 |
| 8/10/12 | F  |                       |
| 8/11/12 | S  | Final Exam 408M       |
| 8/13/12 | M  | Final Exam 408C       |

