

# Math 1500 Calculus I

## Fall 2010

### Basic Course Information

**Instructor:** Dr. Paulhus

**Sections:** 013 – MWF 8:30-9:20 AM in Mendel 115 and T 9:00-9:50 in Mendel G92

016 – MWF 12:30-1:20 PM in Mendel G90 and T 12:00-12:50 in John Barry 202A

**Office Hours:** M 1:30-2:30, W 9:30-11:30, F 11:30-12:30

**Office:** 318 SAC

**e-mail:** [jennifer.paulhus@villanova.edu](mailto:jennifer.paulhus@villanova.edu)

**web site:** <http://www.csc.villanova.edu/~jpaulhus/teaching/ma1500f10.html>

**Text:** *Calculus Volume 1*, James Stewart

**Material Covered:** We will cover Chapters 1-4 of the textbook.

### Grading Policies

- *Homework:* Homework assignments will be due *at the beginning of class* just about every MWF. Assignments will be listed on the web page for the course. No late homework will be accepted but the lowest three homework scores will be dropped. If you work with others on the homework, list their names at the top of the page. Put a star next to any problems for which you received help at the MLRC. This is purely for bookkeeping purposes and will not affect your score whatsoever. Homework is 20% of your grade.
- *Maple:* Many Tuesdays we will use a computer software package called *Maple*. Worksheets from these classes will be due by 11:59 PM the following Sunday and will be worth 8% of your grade.
- *Exams:* There will be three in-class exams on **September 14**, **October 19**, and **November 16**. Your lowest score will be 10% of your final grade and the other two exams will be 19% each. You will be allowed only an (optional) scientific calculator with no memory storage on exams. No cell phone calculators or graphing calculators will be allowed.
- *Final:* There will be a final which will count for 24% of your grade. The final exam is **Monday, December 13**. Do not make plans to go home early.

### Other Class Policies

- Your final grade in this course will reflect your performance throughout the whole semester. Except for a possible bonus question on the exams, there will be no extra credit and you cannot retake an exam nor redo homework.
- Make sure you are familiar with the Academic Integrity Code. Any violations of it will result in an automatic zero for that assignment or exam.

- I encourage you to work together to solve homework problems and Maple worksheets but everyone must write their own solutions. Any copied problems on these assignments will result in a zero for the whole assignment.
- You are expected to attend every class and you are responsible for all material presented and changes announced during class. It is considered proper etiquette to let your professors know ahead of time if you must miss a class. Freshmen are required to have excused absences approved by the Dean's office.
- No makeup exams will be given unless agreed to beforehand.
- Cell phone usage is strictly prohibited during class. Computers are required for Maple days (most Tuesdays) but prohibited on other days.
- Any student with a disability who needs special accommodations or other assistance in this course should make an appointment to speak with me as soon as possible.

## Where to Find Help

- Work together with others in the class.
- Come to my office hours with questions about material, assignments, or general questions about the course or your grade.
- The MLRC (Mathematics Learning Resource Center) – <http://www.villanova.edu/mlrc/> – has tutors available Sunday through Thursday evenings and Monday through Thursday afternoons.

## Unsolicited Advice

- Exam problems will not necessarily be exactly like the homework problems. Understanding *why* we solve a problem in a certain way will probably result in a better grade than simply trying to mimic what we have previously done.
- Think of math a bit like learning how to bowl. You can have someone explain to you how to throw the ball and how to put spin on it to make it hit the pins but chances are the first time you throw the bowling ball, you will throw a gutter ball. How do you improve at bowling? You practice. Same thing is true in math. The best way to learn math is to **practice, practice, practice**.
- Work together when you can.
- If you are struggling, come to see me early. If you wait until a week before the final, there isn't much that can be done to help you.