

## Math 220 X8: Calculus and Mathematica 1, Spring 2006

**Instructor:** Tom Cooney

**Office:** 150 Altgeld Hall

**Office Hours:** MW 10-10.50 am (Or email me to make an appointment).

**Email:** tcooney@math.uiuc.edu

**Schedule:** MTWRF 12.00-12.50 pm in 239 Altgeld Hall. Sometimes we will also meet in 241 Altgeld Hall.

**CA:** David Escobar

**Websites:**

Calculus and Mathematica website: <http://cm.math.uiuc.edu>

Classcomm website: <http://cm.math.uiuc.edu/classcomm>

**“Textbook”:** There is no printed textbook for this course. Instead all your lessons and homeworks are on the C&M CD. The first **two** lessons can be downloaded at <http://calcand.math.uiuc.edu>. After that, you will need your own copy of the CD.

This CD is your “textbook” for the course. It does not contain the programme Mathematica itself, which you will also need access to. This can be found on the computers in many labs around the campus or you can buy a student copy for \$30, which will be valid until August.

**Exams, etc:**

3 hour exams	$3 \times 10\%$	A	90 – 100%
1 final exam	20%	B	80 – 89%
Litsheets	10%	C	70 – 79%
Give it a Try’s	40%	D	60 – 69%
		F	0 – 59%

The exams will be evenly distributed throughout the course. The final exam is on Tuesday, May 9th at 7-10pm.

The “Give it a try’s” are the homeworks you will do using Mathematica and which you will submit online using classcomm. You will do these homeworks in groups. To adjust for this, your grade for the course **cannot** be more than 10% higher than your average exam grade. If you are ever unable to submit your homework on time due to technical problems, please email me ahead of time with a description of the problem and how soon you expect to submit the assignment. All homework assignments will be posted on ClassComm. You are expected to check ClassComm frequently as this is how you will be notified about assignments, exams and everything else in this course.

“Litsheets” or literacy sheets are the written problems you will do **without** the computer; these will be very useful in preparing for the exams. You may work in a group on the litsheets but each of you must hand in your own work, and in your own words. Answers that correspond with those of your classmates verbatim are not acceptable.

You will not be allowed to use calculators on the exams.

**Math 290:** This is a course in using Mathematica. The grade is determined by the average of your mathematica notebooks in this course. You can register for this using the call number 37812. It is an extra hour’s credit for no extra work; you can only sign up for it once.

The style of this course will take a little getting used to. I will not be lecturing but I am here to help and to listen to your questions. Once we get used to the C&M way, I hope we will have a great semester together. Good luck!