MAT 272 — CALCULUS III — SPRING 2004

Line No.	67823
Time & Room	MWThF 8:40 - 9:30 AM in PSA-306
	F 8:40 - 9:30 AM in ECA-221 (dates to be announced)
Instructor	Jack Spielberg
Office	PSA-747
Phone	965-3286 (Math Department: 965-3951)
Office Hours	MWF 2 - 3, and by appointment
e-mail	jack.spielberg@asu.edu
webpage	http://math.la.asu.edu/~jss
Text	*Calculus Early Transcendentals* or *Multivariable Calculus*, 4th ed, Stewart
	(**not** 5th edition)

Note: The information in this syllabus may be modified during the semester at the instructor's discretion. Changes will be announced in class, and posted on the class webpage.

Points:		
	Final	25
	4 midterms	50
	Homework, Quizzes, Labs	25

Dates:				
	Midterm 1	February	11,	Wednesday
	Unrestricted Wdl Deadline	February	15,	Sunday (or in person by 2/13)
	Midterm 2	March	10,	Wednesday
	Spring Break	March	14-21	
	Restricted Course Wdl Deadline	April	2,	Friday
	Midterm 3	April	7,	Wednesday
	Restricted Complete Wdl Deadline	April	28,	Wednesday
	Midterm 4	April	30,	Friday
	Final	May	8,	Saturday, 7:40 - 9:30 AM
				Room to be announced

REMARK ON THE TEXT: The chapters in *Multivariable Calculus* are numbered **one higher** than the corresponding chapters in *Calculus Early Transcendentals*. I will always use the numbering in *Calculus Early Transcendentals*. For example:

CONTENT: We will cover (with a few omissions) chapters 12 - 17. (This means chapters 13 - 18 in *Multivariable Calculus*.)

READ THE BOOK AND DO THE HOMEWORK. The problems assigned to be turned in form a small portion of the amount you must do in order to learn the material. You should work all of the 'practise problems' as well, and compare your answers with those in the back of the book. The question(s) for the week's quiz will be taken from the practise problems in that week's assignment.

Homework will be collected at the beginning of class on Fridays (excepting the last assignment). Late homework will not be accepted (but see below). Write **neatly and legibly**, print your name – and my name – on the front, and **staple** the pages together **before coming to class**.

ALWAYS SHOW ALL STEPS NEEDED TO SOLVE A PROBLEM. A CORRECT ANSWER WITH INSUFFICIENT SUPPORTING WORK MAY RECEIVE LITTLE OR NO CREDIT.

Assignments will **NOT** be announced in class, but will be posted on my webpage.

Late homework will not be accepted, and missed quizzes and labs cannot be made up. However, I will drop the lowest 25 percent of homeworks, quizzes, and labs at the end of the semester. I recommend that you reserve these opportunities for emergencies or university-sanctioned absences. A missed midterm exam can be made up only in the case of a documentable emergency, or because of a conflict with a university-sanctioned activity. In the latter case you must notify me well in advance, and provide me with a copy of your travel schedule and the name and phone number of the appropriate university sponsor. The Mathematics Department has an extremely strict policy regarding missed final exams. You may view this policy from a link on my webpage.

On **occasional** Fridays we will meet in the department's computer lab in ECA-221. We will use the computer program MAPLE to study some of the ideas from the course. Lab dates will be announced in advance, in class and on the class webpage.

TESTS: The following is a rough estimate of what sections of the book the midterm exams will cover (section numbers refer to *Calculus Early Transcendentals*. Add one to get the corresponding section numbers in *Multivariable Calculus*):

Midterm 1: 12.1-6
Midterm 2: 13.1-4, 14.1-5
Midterm 3: 14.6-8, 15.1-6
Midterm 4: 15.7-9, 16.1-6

The final exam will cover the entire course, but will emphasize those sections not yet covered on the midterm exams.

CALCULATORS: Calculators of any kind are not allowed on quizzes, tests, and the final exam. You should practise doing the homework problems without a calculator.

QUESTIONS: During class I welcome questions at any time. (The only exceptions are questions about the grading of your own homework/quiz/exam. Please bring these questions to me before or after class, or during office hours.) Please feel free to come by my office at any time, either for a quick question or a longer discussion. If it is not a designated office hour, and I am too busy, we can set up another time. If you want to come by when it is not a designated office hour, you may call to see if I am in. You may also send me questions by e-mail.

HOMEWORK (Updates will be found on my webpage.)

The assigned reading is about the material to be covered in class that week. Read it ahead of time — this will make the class period more intelligible.

When working odd-numbered problems, be sure that your answer and the book's answer are equal (if they look different). Show all steps needed to solve a problem. A correct answer with insufficient supporting work may receive little or no credit. Always follow ALL directions given in the problem.