

MAT 271 — CALCULUS II — FALL 2002

Line No. 60339
 Time & Room MTuWTh 9:40 - 10:30 AM in PSA-307
 W 9:40 - 10:30 AM in ECA-221 (dates to be announced)
 Instructor Jack Spielberg
 Office PSA-747
 Phone 965-3286 (Math Department: 965-3951)
 Office Hours MTuWTh 1:15 - 2:00, and by appointment
 e-mail jack.spielberg@asu.edu
 webpage http://math.la.asu.edu/~jss
 Text Calculus Early Transcendentals, 4th ed, Stewart

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

Points: Final 25
 4 midterms 50
 Mastery Test 5
 Homework, Quizzes, Labs 20

Dates: Drop/Add Ends September 1
 Labor Day September 2, Monday
 Midterm 1 September 18, Wednesday, (testing center)
 Unrestricted Wdl Deadline September 20
 Mastery Test (first try) October 18, Thursday, (testing center)
 Midterm 2 October 23, Wednesday, (testing center)
 Restricted Course Wdl Deadline November 1
 Veteran's Day November 11, Monday
 Midterm 3 November 13, Wednesday, (testing center)
 Thanksgiving Break November 28-29
 Midterm 4 December 4, Wednesday, (testing center)
 Restricted Complete Wdl Deadline December 4
 Final December 16, Monday, 7:40 - 9:30 AM

CONTENT: We will cover (with a few omissions) chapters 6, 7, 8, 10, 11, and Appendix G.

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 as many of the 'practise problems' as you can. Weekly quizzes will be based on the practise problems in that week's assignment.

Homework will be collected on Tuesdays (Thursday in week 1). Write neatly and legibly, print your name – and my name – on the front, and staple the pages together before 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.

On six or seven Wednesdays during the semester we will meet in ECA-221, one of the Math Department's computer labs. We will use the computer program MAPLE to study some of the ideas from the course. Our first lab day will be Wednesday, September 4. Other lab days will be announced in class and posted on my webpage. Each lab will require a short write-up, which must be turned in at the beginning of the next class.

The labs are open to all students in mathematics classes on

M-Th, 6:30 pm-10:00 pm, and SaSu, 10:00 am-2:00 pm.

Late homework will not be accepted, and missed quizzes and labs cannot be made up. However, I will drop the lowest five homeworks + labs, and the lowest three quizzes 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.

TESTS: Midterm exams and the mastery test will be given in the department's testing center. (You may view the hours and policies from a link on the course webpage.) You must bring your ASU SUN ID and the test label given in class. You must also bring your own watch to keep track of time. Your start and stop times will be recorded, and your score will be lowered if you take longer than the allowed time.

The midterm exams will cover the following sections of the book:

Midterm 1: 6.1-5

Midterm 2: 7.6-8, 8.1-3

Midterm 3: 10.1-6

Midterm 4: 11.1-6, 11.8

The mastery test will cover techniques of integration (7.1-7.5). You will have up to three attempts to pass it at the level 80% or higher. A pass is worth 5% of the course grade, a fail is worth 0. As practise problems for the mastery test, you may use (the odd numbers in):

7.1: 1-32, 7.2: 1-46, 7.3: 1-30, 7.4: 13-52, 7.5: 1-74

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

Calculators of any kind are not allowed on the mastery test, and may be proscribed on other tests as well.

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.