Text: Calculus, Early Transcendentals , 7th Ed. By James Stewart

Student Learner Outcomes: 1. Evaluate first-order and higher-order derivatives of functions by applying the product, quotient and chain rules. 2. Generate sketches of curves and decide on optimal values of functions by applying first and second derivatives to find relative and absolute extrema. 3. Evaluate definite and indefinite integrals by formulating antiderivatives.

Grading: • 3 regular exams worth 100 points each.
• One 30-point quiz
• Cumulative Final Exam worth 200 points.
• HW assignments worth 42 points.
• Up to 20 miscellaneous points assigned during the semester. (e.g. group projects, quizzes)

90% - 100% of the total is an A, 80% - 89% = B, 70% - 79% = C, 60% - 69% = D, less than 60% = F.

Attendance: If you can make it, I want to see you in every class from beginning to end. I want you to succeed, and missing class negatively affects your grade. Research has shown that consistent, engaged attendance is the activity most linked to success in a college course. When you miss a class, you tragically miss my lecture, and you are responsible for everything we cover. I also sometimes change an exam date. It’s possible I’ll give a miscellaneous assignment due the next day—and I do not accept late assignments. Of course I WILL help you if you miss a class. Just be responsible to get lecture notes from a classmate, read up on the text, contact me, etc.

Homework: Approach homework as an opportunity to learn the material and succeed in the class, not as a way to earn points. Stay current on your homework so the subsequent lecture makes sense. Take a thoughtful, not a rote, approach to problems.

I assign homework every day and it’s due the next class day. However, I don’t collect a week’s assignments until the beginning of class each Monday. Resist the temptation to lump Monday’s HW with Wednesday’s HW and put the whole thing off until the weekend. It is difficult to learn new material without a working knowledge of previous material, so try to complete or at least look at Monday’s homework before Wednesday’s class. Missing or putting off homework puts a hurdle between you and your success in the class. Ask yourself: “are you here to succeed or are you here to fail?”

See next page for requirements for full credit.

Cheating: If you are caught cheating, I will drop you from the class immediately.

Makeup exams: I do not give make up exams. If you must miss a test, then contact me as soon as possible, preferably before the test day. After we discuss your missed test, I will take 95% of your Final Exam percentage to backfill your missing test points. (E.g.: We’ve discussed your absence for test 2. You earn 86% on the Final. You’ll get 95% of 86 = 82 points for Test 2.)

Graphing Calculators: Graphing calculators are allowed for in-class work or for HW. However, graphing calculators cannot be used during tests.

Succeeding in the class: #1: Attend class every day and engage in the material. #2: Take the correct approach to HW. #3: If you need any help, please come and see me in my office. I hope you’ll find me patient, kind, and helpful. If you can't make my office hours, we can schedule a mutually convenient time.

Tied for #3: Free drop-in tutoring is available at the Math Learning Center (MLC) in room 1074 or in the MESA Center. Please take advantage of this service before it's too late. Assess yourself honestly. If you feel like you do not understand the material, you’re probably right. Get help right away. The longer you wait, the less chance there will be to recover.

Tied for #3: Form a study group! I wouldn’t have survived college without one. The library has some great study spaces, tailor made for study groups. I will circulate a voluntary phone list for you to use as a resource.

Generally speaking, the time commitment necessary to succeed in college courses has been shown to be 2 hours of study time for every hour of lecture. If you find yourself having difficulty in this class, examine yourself. Are you spending at least an hour outside of class for each class hour (reading over the lecture, working with classmates)? How are you approaching HW (rote or thoughtful)? Have you spent much time in my office or with the free tutors in the Math Learning Center?
Instructions for Homework

You can earn 3 points for each week’s homework packet. I grade only for completeness, not correctness. It is your responsibility to know whether your answers and methods are correct. (Answers to the odd problems are in the back of the book.) To get full credit on HW—3 points possible each week—the following requirements must be followed.

1. Use standard sized paper (8 ½ by 11) for your homework.
2. Start a new piece of paper for each section assigned from the book. (This does not mean each day’s or each week’s assignments.)
3. On that new page, write a header at the upper left-hand corner. (Not across the middle, not the upper right corner.) Make sure your header does not go past the middle of the top of the page. The header needs to include the section number and the problems assigned from that section and those two things are to be fitted into the upper left-hand corner.
4. Once you’ve started a section on a new piece of paper, you can do your homework from that section in whatever fashion you like. You can use both sides; you can work in columns; you can write big or write small. Your can use recycled paper. Whatever. As long as each new section begins on a new piece of paper with a header at the upper left-hand corner detailing the section and the problems assigned.
5. Use paper without rings (ringed pages stick together).
6. Don’t use staples.
7. When turning in HW on Monday, fold the entire week’s assignments—usually multiple pieces of paper containing multiple sections—lengthwise into one packet; make sure your name appears somewhere on the outside of that packet.
8. No late HW accepted. If you miss class on a day that HW is due, have a friend turn it in, or contact me to let me know what’s happening. When you let me know ahead of time what’s happening, you will usually persuade me to accept your HW on the subsequent class. If you just show up the next class and turn it in, you’ll receive no points.

Example

Sec. 1.2
1-71 odd.

1. ..... 
3. ..... 
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