

MATH 142 — Fall 2016

- Professor: Prof. Kustin
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- web site: <http://people.math.sc.edu/kustin/teaching/142/142.html>
- Office Hours: I will usually be available in my office on Tuesday from 4:30 PM to 6:00 PM and on Thursday from 4:30 PM to 6:00 PM. If you want to guarantee that I will be available, make an appointment. At other times, you should make an appointment.
- Text Book: Thomas' Calculus, Early Transcendentals, Custom Edition for the University of South Carolina, by George B. Thomas, Jr.  
Sections 5.4–5.6, 8.1–8.5, 8.8, 10.1 – 10.10, 11.1–11.5.
- Learning Outcomes: The students will learn to do the problems correctly, getting the correct answer, with work that is meaningful, correct, and complete. Quantities that are equal will be connected by equal signs. Quantities that are not equal will not be connected by equal signs. The students will use complete sentences when they explain their work.
- To succeed: I expect you to do the problems correctly, to do the homework, and to attend class.
- As you do your homework, focus on getting the correct answer and knowing how to tell that your answer is correct.
- There will be an opportunity to ask questions in every class. Ask about the things that bother you.
- Mistakes: A poor performance on a given quiz or hour exam does not doom you to a poor grade in the course. Figure out what you did wrong. Do not make those mistakes again. I will surely ask something similar later. Get it right the next time.
- Homework: The list of homework questions for the semester may be found at my website. I will assign a few homework problems each

class. Be sure to do these problems before the next class. **The quiz questions will be taken directly from the homework.**

Quizzes: There will be a short quiz every class day (that is, every Tuesday, Wednesday, and Thursday) except the first day, the exam days, the days before the exam days, and the final week. Each quiz is worth two points. (In total there will be approximately 32 quizzes worth 64 points.) **The quiz will consist of one problem from the assigned homework problems.** THERE WILL BE NO MAKE-UP QUIZZES. Quiz solutions are posted on my website shortly after the quiz is given.

Hour Exams: There will be three hour exams. They will be given: Thursday, September 8, Tuesday, October 4, and Tuesday, November 1.

Each hour exam is worth 50 points. THERE WILL BE NO MAKE-UP EXAMS. Exam solutions are posted on my website shortly after the exam is given.

Final Exam: The final exam is worth 100 points and will be given on Thursday, December 8, 12:30–3:00 PM.

Final Grade: 64 points Quiz score  
150 points Exam score  
100 points Final Exam  
50 points Computer Lab grade  
364 points Total.

To earn an “A” you must score 90% **from some point until the end of the course.**

To earn an “B” you must score 80% **from some point until the end of the course.**

To earn an “C” you must score 70% **from some point until the end of the course.**

etc.

It is not important to me when you start doing the very good work; however, the earlier you start doing the very good work, the easier it will be for you to maintain doing the very good work.

Attendance Attendance is required. Poor attendance will result in a grade penalty. See the University attendance policy, as described in the undergraduate bulletin, for more details:

<http://www.sc.edu/bulletin/ugrad/acadregs.html#class%20atten>.

- Drop Date: The last day to drop without receiving a WF: Monday, October 10, 2016. You will have 2 exams and (approximately) 17 quizzes before that day.
- Manners: If you plan to leave before class is over, the correct procedure is to mention this to me before I start class. It is impolite, disruptive, and a bad idea to leave class while I am lecturing unless you have followed this procedure.
- Old Exams/quizzes: The exams and quizzes I gave the last few time I taught this course are available at my web site, often with solutions. This is a very valuable resource. Please take advantage of it.
- Prerequisites: Qualification through placement or a grade of C or better in MATH 141
- Computer Lab The computer lab is independent of the rest of the course. In December, the TA will give me your computer grade. I will plug this grade into my formula. That is my full interaction with the computer lab. The computer lab contributes  $50/366 = 13.7\%$  percent of your grade.