

**MA 141:Calculus**

Spring 2020

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**Course Description:** (4 credit hours) First of three semesters in a calculus sequence for science and engineering majors. Functions, graphs, limits, derivatives, rules of differentiation, definite integrals, fundamental theorem of calculus, applications of derivatives and integrals. Credit is not allowed for both MA 141 and MA 121 or MA 131.

**Textbook:** Calculus for Scientist and Engineers; by Franke, Griggs and Norris. The pdf of the textbook is in your purchased Webassign for the course. The homework in Webassign correlates to the exercises in this textbook.

**Blue Books:** All tests will be taken in blue books. Turn in 3 small blue books and 1 large blue book before Test 1 and have the TA's check off your name that you've turned them in. This is worth +2 points extra credit on the first test.

**Attendance and Participation Policy:** Attendance will be taken at the beginning of class. You are expected to attend and participate in class. No phones, computers or other devices on during class lecture time. Thank you! I want you present and engaged in what we are doing in class.

**Homework:** The WebAssign homework assignments are obtained, submitted, and graded online.

I recommend keeping a written copy of your work and notes. It is very important that you keep up with this work. I highly recommend you print each assignment and work it with pencil and paper before submitting. Extensions may be requested via WebAssign, but there is a small penalty to help motivate you to keep up with the work in timely way.

**In-class tests:** We will have 3 in-class tests.

Test 1: Thursday, Jan 30

Test 2: Thursday, March 5

Test 3: Thursday, April 9

If an in-class test is missed with an excused absence (i.e. for a university-approved reason, with supporting documentation), then a make-up test will be scheduled individually. If an in-class test is missed for an unexcused absence, that test will be given a score of 0. No make-ups will be allowed. Documentation for an excused absence must be provided within 1 week of the missed class. All absences that require a make up test or other special accommodations must go through the NCSU absence verification process; here is the link to that office

<https://dasa.ncsu.edu/students/absence-verification-process/>

**Final Exam:** The final exam will be held according to NCSU calendar.

\*Add exam day and time here\* The final exam date is scheduled by the University and can only be changed if you have 3 within 24 hours and departmental approval ahead of time. Make your travel plans accordingly since travel plans are not an excuse to move an exam time.

**Calculator Policy:** There are NO GRAPHING CALCULATORS allowed on tests; you may bring a scientific or four-function calculator.

**Grade Disputes:** Answer keys for all tests will be posted on Moodle when the exams are returned in class. If a grading error is found after looking at the posted answer key then you should **provide a written explanation of the error, attached to the original test, to the instructor within 1 week**. Do not alter the original work. The entire test may be re-graded and the test grade is subject to remain the same, increase or decrease at the discretion of the instructor.

**Grading:** Your grade will be determined by the following break down:

Homework: 10%

In-Class Tests: 60% (20% each)

Final: 30%

### **General Class Expectations:**

1. I expect you to come to class ready to work and be engaged in the material for that day. If you can, please read the section from the text before class. Start working exercises in the text section or also start the Webassign exercises. Most days I post printed outlines of my notes before class, so you can print these off before class if you'd like and start filling them in ahead of time, if you'd like. There is a lot expected that you do between class lectures and recitation classes. Going between class lecture and smaller section recitation classes seems to work well if you are working on your own and coming with questions and ideas you'd like to discuss or have explained.
2. Check your email and Moodle site regularly. Any announcement made by email is saved under announcements on our Moodle page.
3. Be **respectful and professional**. Via email, please identify yourself and the class clearly. Treat everyone in class (other students and myself) with respect and courtesy. In class, be active and engaged and come prepared. In office hours, be prepared to ask questions and work with others that are in the office hours time too.
4. Be accountable for your own education. You are responsible for resolving confusion about assignments, due dates, exam dates, accommodations, etc.
5. Do not submit work that is not yours. **It is understood that your name or signature on any assignment or attached to any online submission indicates your adherence to the NC State Honor Pledge: "I have neither given nor received unauthorized aid on this test or assignment."**

**Disability Services:** Reasonable accommodations will be made for students with verifiable disabilities. To receive accommodations, students must register with Disability Services for Students at 1900 Student Health Center, Campus Box 7509, 919-515-7653. Here is their link: <https://dro.dasa.ncsu.edu/> Please see the Academic Accommodations for Students with Disabilities Regulations (REG02.20.1). You must discuss accommodations with me *prior* to a test date.