Calculus III MA 242 Section 004
Spring 2018

Instructor: Tong Wu
Office: 3250 SAS Hall
Office Hours: Tuesday 12:30PM to 3:30 PM or by appointment
E-mail: twu18@ncsu.edu
Class Meets: MW, 1:55 to 3:45 PM, Riddick Hall 321
Textbook: Calculus for Engineers and Scientists, Volume III, by John E. Franke, John R. Griggs, and Larry K. Norris, 1st edition. The text is in pdf format and will be available via WebAssign.

Course Info:
Third of three semesters in a calculus sequence for engineering and science majors. The course covers differential and integral multi-variable calculus. Topics to be studied include vector functions, partial derivatives, multiple integrals and vector calculus. This course will focus both upon theoretical understanding of the concepts involved, and application of the concepts to solve concrete problems.

Grading:
Your final grade will be determined as follows:

WebAssign	Maple	Tests Average	Final Exam
10%	10%	50%	30%

Attendance: if you have **no more than five** total absences, the lowest test grade will be replace with the final exam grade if it is higher.
The plus/minus grading system will be used:

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
97-100	93-96	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	0-59

WebAssign:
Homework assignments will be administered and submitted via WebAssign (Please use http://webassign.ncsu.edu). Due dates are listed next to each assignment, and extensions will not be granted except for extremes situations. You are encouraged to start early on these assignments and bring any questions you might have to class or office hours.

Maple:
It is a requirement for this course to use Maple and submit homework assignments in Maple via the web. There are 8 scheduled Maple Homework assignments distributed throughout the semester. It is the responsibility of each student to (1) download the Maple Lessons from the web, (2) study the Lessons, and (3) complete the Maple Homework assignments on time. **All materials related to the Maple program** can be found at the URL **http://www.math.ncsu.edu/calculus**.

Tests Date:
Test dates are as follows:
Test #1: Feb. 7 Test #2: Feb. 28
Test #3: Mar. 28 Test #4: Apr. 23
There will be no make-up tests without documentation of a university approved excuse.

Bluebooks:
All students must submit **six small bluebooks** for your tests and final exam by Monday, 02/05 (2 bonus points for Test-1 if you submit them on time). **Do not write anything in or on the bluebooks.**

Attendance:
For each class meeting and recitation day, attendance is taken and considered mandatory for the class. If you are more than 5 minutes late, leave early, are distracted, sleeping etc, you are marked absent for the day. If you have **no more than five** total absences, the lowest test grade will be replace with the final exam grade if it is higher.

Temporary schedule:

Week of	Section	Remark
01(01/08-01/12)	1.1-1.3	
02(01/15-01/20)	1.4-1.5	01/15:Holiday
03(01/22-01/27)	2.1-2.4	
04(01/29-02/03)	3.1-3.4	
05(02/05-02/10)	3.4-3.5	02/07:TEST #1
06(02/12-02/17)	3.5-3.7	
07(02/19-02/24)	4.1-4.2	
08(02/26-03/02)	4.2-4.3	02/28:TEST #2
09(03/05-03/09)		Spring Break
10(03/12-03/16)	5.1-5.3	
11(03/19-03/24)	6.1-6.3	
12(03/26-03/31)	6.3-6.5	03/28:TEST #3
13(04/02-04/07)	7.1-7.2	
14(04/09-04/14)	7.2-7.3	
15(04/16-04/21)	7.3-7.6	
16(04/23-04/28)	Final review	04/23:TEST #4

Course Policies:
The use of laptops, cellphones and other electronic devices is not permitted during class unless prior approval is given by the instructor. If a student misses a class session, it is the student's responsibility to get notes from a classmate or refer to the available online resources. Please check Moodle and your NCSU e-mail regularly for announcements and resources. Please note that personal travel plans are not legitimate reasons for make ups or extensions.

You can only use a simple scientific calculator in quizzes, tests or the final exam, which should not be able to compute derivatives or anti-derivatives. **Cell phones are not permitted to be used or visible during quizzes, tests or final exam.**

Students with documented disabilities (through NCSU's DSO) will be given all necessary accommodations. For more information on NC State's policy on working with students with disabilities, please see the Academic Accommodations for Students with Disabilities Regulation at https://policies.ncsu.edu/regulation/reg-02-20-01.

Students are required to comply with the university policy on academic integrity found in the Code of Student Conduct found at https://policies.ncsu.edu/policy/pol-11-35-01.

Multimedia Center:
Free tutoring is available through the department Multi Media Center. For more information, see https://www.math.ncsu.edu/mmc/tutoring.php