Instructor: Tong Wu
Office: 3250 SAS Hall
Office Hours: Tuesday and Thursday 1:00 PM to 2:00 PM
E-mail: twu18@ncsu.edu
Class Meets: MW, 3:00 to 4:50 PM, SAS 2235
Text: Calculus II for Engineers and Scientists (Franke, Griggs, Norris: accessible via WebAssign; $45)

Course Info:
Students will continue to learn various forms of patterned integration, numerical integration, as well as improper integrals. Various applications of integration will be studied. Differential equations and their applications will follow. This course will also cover sequences, series and their applications.

Grading:
Your final grade will be determined as follows:

WebAssign	Quizzes	Maple	Test Average	Final Exam
10%	5%	10%	50%	30%

The plus/minus grading system will be used:

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
98-100	92-97	90-91	88-89	82-87	80-81	78-79	72-77	70-71	68-69	62-67	60-61	0-59

WebAssign:
Homework assignments will be administered and submitted via WebAssign at **webassign.ncsu.edu**. Log in using your Unity ID and password (these are the same as your university e-mail). 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:
Maple is a mathematics software package which allows for quick computation and intricate graphs. It is a valuable tool for mathematicians and engineers and thus, it is a requirement for this course to use Maple and submit homework assignments in Maple via the web. There are 5 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:
Test dates are as follows, and are issued by the Math department so they will not be changed:
Test #1: Monday, Sept. 12   Test #2: Monday, Oct. 3
Test #3: Monday, Oct. 31   Test #4: Monday, Nov. 21
There will be no make-up tests without documentation of a university approved excuse. For example, if you are sick on a test day, I expect to receive an e-mail letting me know you will be missing the test and a doctor's note upon your return. If you know in advance that you will not be able to take a test on the prescribed date, please see me at least one week in advance in order to make other arrangements.

Bluebooks:
All students must submit **six bluebooks** to me by Monday, September 7. Please attach a sticky note with your full name on the top bluebook. Students who do so will automatically receive 2 points on Test 1. **Do not write anything in or on the bluebooks.**

Attendance:
Following department policy, attendance will be taken every class period. There will be no distinction made between excused and unexcused absences. At the end of the semester, any student who has **five or fewer** total absences may have their lowest test score replaced by their final exam score, if it is higher. You must have taken all four tests and the final in

order to be eligible for this reward.

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