

**MATH 231 – Calculus I
Summer 2017**

Instructor: Gracie Conte

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Office: Phillips 404 (Check 330 first)

Office Hours: Mon/Tues/Thurs 11:30 - 12:30 pm, and by appointment

Course Meets: Mon-Fri 9:45 am - 11:15 am in Phillips 228

Text: J. Stewart, *Calculus – Early Transcendentals*, Eighth Edition.

Prerequisites: MATH 231 (Calculus I)

Course Description: This course is the first course in the traditional calculus sequence. Students are expected to have a strong grasp of the topics from pre-requisite courses including trigonometry, exponential functions and logarithms and algebraic techniques. This semester, we will cover the following:

- Chap 2: Sections 2-8 (Limits and Derivatives)
- Chap 3: Sections 1-6, 9, 10 (Differentiation Rules)
- Chap 4: Sections 1-5, 7, 8 (Applications of Differentiation)
- Chap 5: Sections 1-5 (Integrals)

Course Website: <https://www.webassign.net/login.html>

Course Key: unc 02596672

Users New to WebAssign at UNC	Previous Users of WebAssign at UNC
<p>Click on I have a Class Key. Enter the appropriate class key from above and submit. Verify that you have the correct class and choose Need to Create ... Complete all boxes with an * beside them with your personal information. Click on Create my account. Click on Log in. From this point on you will sign in as a returning user with your User Name, Institution (unc), and Password. You have a 14 day grace period before you need to enter your access code or purchase one from WebAssign.</p>	<p>Click on I have a Class Key. Enter the appropriate Course Key from above and submit. Verify that you have the correct class and choose Already Have ... You can log in with your User Name, Institution (unc), and Password. You have a 14 day grace period before you need to enter your access code or purchase one from WebAssign.</p>

Attendance Policy: You are expected to attend all lecture meetings, as absences will be detrimental to your understanding of the material. When you are in attendance, your attention should be on the material. You should turn off and put away laptops, cell phones, or other items that may distract you or other students around you. If you are absent from class, it is your responsibility to find out about any important announcements made in class and to learn what was covered in class. Due to the nature of the classroom, you should arrive on time for class and remain in the classroom while lecture is taking place.

Homework Policy: Homework will be due on WebAssign so WebAssign is **required** for this class. The homework will consist of two pieces. A before class section and an after class section. The before class homework is supposed introduce you to material so that the lecture is not the first time you see the

material. Work completed 24 hours before the deadline will receive 5% extra credit. Extensions can be given for a 10% penalty per day.

Exam Policy: There will be two in-class midterm exams, and one final exam. Your final exam score will replace the lower of your two midterm exam scores if it is to your advantage. No make-up examinations will be given. No calculators or other electronics allowed.

Grading:

Homework = 30%
Midterm 1 = 20%
Midterm 2 = 20%
Cumulative Final Exam = 30%

Important Dates:

July 4th: Tuesday, July 4 (no class)
Midterm 1: Tuesday, July 11 (in class)
Midterm 2: Tuesday, July 21 (in class)
Final exam: Monday, July 31 at 8am

Extra Credit: Each student can earn 5% extra credit on correct homework questions that are completed 24 hours before the deadline. Each student may also earn an extra 1 percentage point towards their course grade by coming to office hours at some point in the first two weeks of class to introduce themselves.

Honor System: It is expected that each student in this class will conduct herself or himself within the guidelines of the Honor System. All academic work should be done with the complete honesty and integrity that this University demands. In this regard, you may work with others on the homework, but the work you turn in must be your own.

It is expected that each student in this class will conduct him or herself within the guidelines of the UNC Honor System, described at <http://studentconduct.unc.edu/students>.

In this class, all tests and exams must be done individually and are closed book and closed notes. It is an instance of cheating to give or receive help on a test or exam, except from the instructor. On homework assignments and in class work, students are encouraged to work together in pairs or small groups, provided that all participants are contributing and the collaboration benefits the learning of all involved. Simply copying or trading answers is an instance of cheating. If you are not sure if collaboration is permitted or have any other questions about what is permitted on an assignment, please ask!

Students who observe a violation of the honor code should report it to the instructor. The instructor will report suspected honor code violations to the Student Attorney General.

Accommodations: If there are any special circumstances that will affect your performance in the class, please contact the staff at the Academic Success Program, 919-962-7227, so that we can work together to meet your needs

Additional Resources:

The Math Department sponsors free tutoring in the Math Help Center in 237 Phillips Hall. Hours for Summer 2017 are 12:30-2:30 M-Th. See <http://math.unc.edu/for-undergrads/help-center> for details.

The Math Department office keeps a list of paid tutors.

Schedule					
Week 1	June 26 Section: 2.2 + 2.3	June 27 Section: 2.4	June 28 Section: 2.5 + 2.6	June 29 Section: 2.7 + 2.8	June 30 Section: 2.8 + 3.1
Week 2	July 3 Section: 4.2 + 3.2	July 4 No Class	July 5 Section: 3.3 + 3.4	July 6 Section: 3.5 + 3.6	July 7 Section: 3.6 + 4.4
Week 3	July 10 Review	July 11 Exam 1	July 12 Section: 3.9	July 13 Section: 3.10	July 14 Section: 4.1 + 4.3 4.8
Week 4	July 17 Section: 4.5 Review 4.1 + 4.3	July 18 Section: 4.7 4.5	July 19 Section: 4.8 4.7	July 20 Review 5.1 + 5.2	July 21 Exam 2 4.9 + 5.3
Week 5	July 24 Section: 5.1 Review	July 25 Section: 5.2 Exam	July 26 Section: 5.4	July 27 Section: 5.5	July 28 Section: 5.5 Review
Week 6	July 31 Final Exam 8am	Aug 1	Aug 2	Aug 3	Aug 4

Schedule is subject to change.

