

Math 111- Basic College Mathematics

Summer 2019

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Course Website: Bookmark people.math.sc.edu/mlevet/S19/Math111/. Announcements will be posted here. You are responsible for checking the course website daily.

Office Hours: My regular office hours are MTWR from 10:30-11:30 in LeConte 400D. I encourage you to discuss the course material with me. Please note that office hours are a supplement for lecture, not a replacement for it. Students who miss class are solely responsible any material covered that day.

Course: MTWR 4:10-7:40 PM, LeConte 405. May 13-30.

Last Day to Drop Before Grade of 'W' Is Recorded: May 13.

Last Day to Drop Before Grade of 'WF' Is Recorded: May 21.

Breaks: Memorial Day- May 27 (No Classes).

Prerequisites: Qualification through the Math Placement Test.

Participation: All students are expected to show respect to every participant of the class, including other students, the instructor, and any guests visiting. This includes not talking over the instructor or your classmates.

Late Adds: Students who add the class after the first day are responsible for all material covered prior to their official enrollment, regardless of whether they were present in class. Additionally, students who add the class late are expected to take any quiz or exam on that day, even if it is their first day in the course.

Calculators: Officially, a graphing calculator is required for this course. The TI-83 or TI-84 is highly recommended, and such calculators will be permitted on quizzes and tests. The TI-NSpire, as well as any graphing calculator with a computer algebra system (CAS) like the TI-89 or similar, will not be allowed on quizzes or exams.

Course Description: From the Bulletin: Basic college algebra; linear and quadratic equations, inequalities, functions and graphs of functions, exponential and logarithm functions, systems of equations.

Course Objectives: Formally, we have the following learning objectives:

- Students will gain proficiency working with various algebraic functions, including polynomials, exponentials, logarithms, rational functions, and derivatives and integrals of such functions.
- Students will correctly solve the problems in the course with meaningful, correct, and complete work. Students will connect quantities that are equal using equal signs. Quantities that are not equal will not be connected by equal signs. Students will not use arrows in lieu of equal signs. **There is a difference between an arrow and an equal sign; do not misuse.**

Text: *College Algebra: Concepts and Contexts*, Stewart, Redlin, Watson, and Panman. **WebAssign will NOT be used.**

Homework: There will be regular worksheets in class. You should make every effort to complete anything you do not finish in class. In addition, there will be occasional suggested problems from the course textbook. Homework will neither be collected nor graded. **Solutions will not be posted; please ASK about anything that you don't understand.**

Quizzes: There will be daily quizzes, starting the second day of class. Quizzes will be given at the end of class. For quizzes, we will be using mastery-based grading. Each question will be graded according to the following scale:

- M : The student has mastered the problem. A grade of M corresponds to 1 point.

- M^* : The student's work has minor errors. Students who receive a grade of M^* have two business days to stop by office hours to explain why their errors were minor and how to correct them. If the student can successfully do this, the grade of M^* will be converted to an M for free. If the student fails to do this or more than two business days elapse, then the M^* will be automatically converted to a P . **For the purpose of this course, MTWR are considered business days. Friday is not considered a business day.** So if a student receives a quiz back on Monday, then they have until Wednesday at the end of office hours to convert an M^* to an M . Similarly, if a student receives a quiz back on Thursday, then they have until Tuesday at the end of office hours to convert an M^* to an M .
- P : The student has made progress, but has failed to demonstrate mastery. A grade of P corresponds to 0.25 points.
- NP : The student has not made any significant progress. A grade of NP corresponds to 0 points.

The quiz average is computed as follows: $(M + 0.25(P + M^*)) / (\text{Total Number of Questions})$.

Quiz Retakes: Each student will be allowed to re-take each quiz question as many times as they would like, subject to some stipulations, in order to improve their grade.

- In order to be eligible to attempt a desired quiz question again, the student must correctly re-work their original attempt until it is perfect. The instructor reserves the right to verify that the student has correctly re-work the given problem. Note that students are expected to correct their retakes before subsequent attempts at the given problem.
- Students may request to re-take up to eight quiz questions on a given day. Questions may be drawn from multiple quizzes.
- Students **must email me by 9:30 PM the night before** with your request and the specific problems they wish to attempt again.
- Re-takes will only be given during office hours. **Arriving late does not warrant extra time.**

Final Exam: The final exam period is scheduled for **Friday May 31 at 4:00 PM**. Note that the final exam period is mandatory and cannot be made up for discretionary reasons, including (but not limited to) a conflicting final exam at another institution or being out of town. The final exam counts for 30% of your final grade.

Grading:

Quizzes- 70%

Final Exam- 30%

Cutoffs of 90, 85, 80, 75, 70, 65, and 60 will correspond to an A, B+, B, C+, C, D+, and D respectively. Students earning lower than a 60 will receive an F. There will not be a curve. Extra credit does not exist.

Electronics and Cell Phone Policy: Electronic devices and cell phones should be silent, and not make any noise during class. Social media, YouTube, and games are distracting to students in class. If you wish to use your laptop for purposes other than note-taking, I ask that you sit in the back of the classroom so as not to distract others. If you are expecting an emergency phone call, please sit near the door and discreetly step out when you need to take the call.

During quizzes and exams, prohibited electronics including (but not limited to) cell phones and smart watches are required to be **in your backpack, and not on your person (including, but not limited to your pocket)**. Any student found to possess prohibited electronic devices on their persons during a quiz or exam will receive a 0 on that assignment, as a violation of the syllabus policy. **Students will not be allowed to retake such quiz questions at a later date.** Any student suspected of using such devices to cheat will also be referred to the Office of Academic Integrity; those found responsible will be subjected to the penalties described under the Honor Code section of the syllabus.

Honor Code: You are expected to know the Academic Code of Responsibility as it appears in the *Carolina Community: Student Policy Manual*. Much of what you will learn about mathematics will come from your discussions with your peers. You are welcome and encouraged to discuss the homework problems with each other

and with me. **Your submissions must be written in your own words and reflect your understanding of the material.** If there are any questions regarding this policy, please ask me. Unless otherwise stated, all quizzes and exams are to be done individually, without the aid of books, notes, or electronic devices (except for approved calculators). **You will be required to clear the memory on your calculator before each quiz or exam. The instructor reserves the right to verify that you have done so. Failure to clear the memory on your calculator constitutes an honor code violation.**

The usual penalty for those found responsible of honor code violations is receiving an F for the course. All honor code violations will be reported to the office of academic integrity. Students found responsible of honor code violations will be subject to a minimal penalty of -200% on the assignment. **Students will NOT be allowed multiple attempts on problems for which they were found responsible of honor code violations.** Responsibility for multiple honor code violations will be sufficient (though not necessary) grounds for a recommendation that an F for the course be issued. Finally, as noted in the Student Policy Manual, the maximum penalty for cheating on an assignment is expulsion from the University. These penalties apply both to copier and copiee. **Please do not cheat.** It is not worth it.

Students with Disabilities: If you have a disability, please register with Student Disability Services (LeConte 112A). You must be registered with Student Disability Services to receive accommodations. **You must talk to me before using accommodations.**

Attendance: Students are expected to attend class every day and stay for the entire duration of class. If a student misses class, they are responsible for the material that was covered. I will take attendance every day. Students who arrive excessively late or leave excessively early may also be marked absent. In accordance with USC's attendance policy, absence from more than 10% of class meetings (**whether excused or unexcused**) is considered excessive, and the instructor may choose to impose a grade penalty. Therefore, students missing more than **2 Days** of class **whether excused or unexcused** will have their final grade lowered by one full letter grade.

Students will not be allowed to make up the final exam, except in extenuating circumstances.

Support: The following are good resources for seeking help:

- My office hours.
- Free Tutoring in LC 105- MTWR.
- Free Peer Tutoring via the Student Success Center.

Tentative Schedule: Please note that the course content is set by the department, and not the instructor.

Class #	Date	Section
1	May 13	A.2-A.4, B.2-B.3
2	May 14	C.1-C.3, 1.3-1.4
3	May 15	1.5-1.8
4	May 16	2.1-2.3
5	May 20	2.4, 2.6-2.7
6	May 21	3.1-3.4
7	May 22	4.1-4.2, 4.4
8	May 23	4.5-4.6, 5.1-5.2
9	May 28	5.3-5.4, 6.2
10	May 29	Review
11	May 30	Review

Note: The instructor reserves the right to modify the syllabus as needed; particularly, as dictated by the interests of learning and fairness.