

Instructor: Mr. Thomas Luckner

CRN: 151- 59571 , 152- 59572

Section: 01

Class Meeting Room & Time:

MATH 151 TR 7:35-8:25pm

MATH 152 TR 6-6:50pm

Email: luckner@email.sc.edu

Office: 122A

Office Hours: TR 4-6pm

COURSE DESCRIPTION AND OBJECTIVES

General: Small study group practice in applications of calculus. Elective credit only. Must be enrolled in MATH 141 or MATH 142 concurrently.

Learning Outcomes: Students will be given the opportunity to engage in and work on the following:

- Collaborate productively with a team.
- Develop a personal framework of problem-solving techniques
 - Make sense of problems.
 - Restate and clarify questions.
 - Identify variables and parameters.
 - Use analytical, numerical and graphical solution methods.
- Create, interpret and revise real-world models and solutions of problems.

MATERIALS

- **Online Materials:** We will solely be using materials I put on Blackboard (main place to find materials) or class website (on Blackboard is a link). You will be asked to print these materials off and bring them to class or bring a laptop. The details of this will be discussed later. Your books from your 141 and 142 class will be a good tool to reiterate material in this class but are not required.

COURSE POLICIES AND EXPECTATIONS

Attendance: THIS IS YOUR GRADE. Attendance is expected and will be recorded via attendance sheet put by the door at the beginning of class. Note this means if you are late (NO MORE THAN 15 MINUTES) and/or miss the attendance sheet, it is YOUR responsibility to come to the instructor after class to sign in without penalty. Absences are broken down into 2 categories:

Excused-Athletic, military, illness, family illness or death, legal, professional obligation (WITH VALID DOCUMENTATION)

Unexcused-no documentation, does not include issues above

Absence from more than 20 percent of the scheduled class sessions, whether excused or unexcused, is excessive and is the only reason you could not pass this course (besides coming to class and refusing to do any work or ask any questions).

Please note that this semester WILL be crazy due to COVID just as the fall semester was. With this in mind, some people may need to join the class online. This will of course be allowed. HOWEVER, if you do plan to attend virtually, **you will need to email the instructor prior to the class you plan to attend online otherwise you will not get attendance for that class.

Participation: All members are expected to participate during class and may be called upon to respond to classroom discussions.

All participants are expected to show respect to other students, the instructors, and any guests who may be visiting the class during the year (Golden Rule).

Cell Phones: Cell phones are to be **off and away** during class. If one is caught with their phone out or in use, a warning will be given first. If the student is caught with their phone out a second time, the student will have 10% removed from the most recent assignment **WITHOUT BEING TOLD**.

Laptops: Typically, I do not allow laptops or other technology in the classroom for a math class unless a student shows the ability to take notes via laptop. However, circumstances are different this semester.

**Due to COVID and the now structure of the class, you will be ENCOURAGED to bring a laptop, tablet, or any technology which can access Blackboard in the classroom to class. This is so you can access the materials in class if you do forget to print them out or do not want to print them out. You will still need a pen/pencil and paper to do work on unless you prove an ability to use technology to do the work.

Other Technology/Objects: If a student prefers to take notes via tablet, inform the instructor that this is your preferred way to take notes. If you have any questions about what can or cannot be used during class, do not be afraid to ask the instructor.

STRUCTURE

The class will be run on a basis of what students ask for, then what the instructor deems a good idea. For example, Johnny is having trouble with L'Hospital's Rule with limits and decides to ask for a quick recap of L'Hospital's Rule and some examples to work on. Then once this has been done, the instructor will yield any similar questions. Once all questions are answered, the instructor will bring the material he has prepared. Note that Johnny was specific about what he was having trouble with! This is very helpful.

It is important to understand that all calculus sections are at different paces. This means people may have different questions. The instructor will try to keep pace with the **SLOWEST** class in an effort to give everyone a chance to understand the material in this class.

The instructor has 2 ideas as to how to run the class:

- 1) (Preferred method but takes dedication on the students part) Have the students get in groups with people who share the same instructor. This means you will all be on the same material and the instructor can know what to bring each group for each class by a class google sheets to updated by the students. Then any questions can be answered at the board while the rest of the class can either listen or work in their group.
- 2) Have a normal classroom environment and yield different questions from student regardless of where they stand in their lectures. You will still be asked to sit in groups to work on problems to bounce ideas off of.

Your 141/142 Instructor and TA: The goal of this class is to supplement your current 141/142 class. If you need specific course help (i.e. knowing your grades, when is the next test, do I have homework due) you should consult either your instructor or TA. As many of you will have different instructors, your class schedules will be different. This means that we may not talk about a topic at the exact time you are leaning about it in your regular class, so be prepared to keep a topic in your mind for longer than the two classes you see it in. This will be good practice for your final exams.

Coronavirus: Here is a list of things that are made different due to COVID. Some were listed above and some are new. First some rules for both the instructor and students to abide by.

- Students in classrooms must adhere to seating arrangements that foster physical distancing.
- All students and the instructor will wear a face-covering (this DOES NOT include a face shield!) in the classroom at all times.
- Anybody who fails to comply with an of the coronavirus precautions will be denied access to the classroom.
- If a student fails to comply with the instructors request to leave the classroom for violations of physical distancing the class will be dismissed and the student will be referred to the Office of Student Conduct for violation of UNIV 3.04 or STAF 6.26.

The following precautions are strongly encouraged:

- Use hand sanitizer upon entering the classroom.
- Clean your desk/classroom space at the beginning of class.

Now some things that occur due to COVID.

- 1) Some people may need to join the class online. This will of course be allowed. **HOWEVER**, if you do plan to attend virtually, **you will need to email the instructor prior to the class you plan to attend online** otherwise you will not get attendance for that class.
- 2) You will be **ENCOURAGED** to bring a laptop, tablet, or any technology which can access Blackboard in the classroom to class. This is so you can access the materials in class if you do forget to print them out or do not want to print them out. You will still need a pen/pencil and paper to do work on unless you prove an ability to use technology to do the work.
- 3) All material will be online! Most of the time, there will not be material needed, but it is still on the student to check and see if there is material for the class at the beginning of the week (this time frame may change based on the need of the class).
- 4) Groups will still be a thing! The only change is that you will not be on top of each other. This means you will sit in the seats designated by the university and may turn them, but may not move them to discuss with each other.
- 5) Please be respectful of others during this time. Some may be more cautious of others, which means you should be accommodating to everyone's needs.

Academic Integrity: I expect you to familiarize yourself with the Honor Code found in the current student handbook. Keep in mind that “Any student who violates this Honor Code or who knowingly assists another to violate this Honor Code shall be subject to discipline.” Honor Code & Carolina Creed: <https://www.sa.sc.edu/creed/>

Students with Disabilities: Students who would like to request accommodations for disabilities must talk to me as soon as possible (after class or during office hours). Students must register with the Office of Student Disability Services (LC 112A) before I can make any accommodations.

EVALUATION

Participation and Attendance.....100%

Final Grades will use the following scale.

P	F
>60%	<60%

USEFUL WEBSITES:

- Blackboard Website: <https://blackboard.sc.edu>
- Software Support for Calculations: <http://www.wolframalpha.com/> or <http://www.khanacademy.org/>
- Good app to use for notes and handouts, “Notability”

SUPPORT:

- My Office Hours (top of page 1)
- FREE TUTORING In LC 105 (Math Tutoring Center in Leconte)
- Student Success Center – Offers FREE tutoring and FREE 1 on 1 ONLINE tutoring. (<http://www.sa.sc.edu/ssc/>)

Hint for making learning easier: Get to class 15 minutes early, read the book’s description of today’s lesson (Can determine this by looking at homework or can ask instructor). By seeing the material ahead of time, you can help make the learning curve with the new material manageable.

Hint for making studying for exams easier: When you complete a homework problem or a problem in class, don’t simply move on to the next problem, but ask yourself two questions: (1) How could this show up on an exam? (2) What common mistake might I make with this problem on an exam? Do this with EVERY homework problem.

Important Dates:

- 1/19/2021 Last day for students to DROP without a grade of “W”.
- 3/27/2021 Last day for students to DROP or withdraw without a grade of “WF”.
- Days off: 2/15/2021, 2/25/2021, 3/12/2021, 3/30/2021, 4/21/2021

Schedule is tentative and subject to change