

MATH 122-I-004 Fall 2017

Time: MWF 10:50-11:40

Instructor: Mr. Robert R. Vandermolen

OFFICE HOURS:

Office: LeConte 317-N

MW: 12:00-1:00

e-mail: robertv@math.sc.edu

TR: 1:00-2:00

and by appointment.

Textbook and materials:

- Applied Calculus (5th edition) Hughes-Hallet, Leason, Lock, Flath, et. al. **YOU DO NOT NEED TO BUY THE BOOK BUT YOU MUST BUY ACCESS TO THE ONLINE HOMEWORK!**
- **Wileyplus will be required for this class:** You can enter the course ID: **595421** you can find all the helpful info in the following flyer: [Wiley Plus Flyer](#)... **be careful not to buy any book that doesn't have wiley plus!!!**
- **Wiley Plus DOES include an online book!!** Purchasing access to WileyPlus alone through the [website](#) is \$100.00. Students also have the option to add-on a binder-ready version of the book or an e-book that can be used offline. The binder-ready version with WileyPlus access is \$164.30 at the bookstore.
- *Calculator:* A graphing calculator is required for this course. The TI-83 or 84 is preferred. A TI-89, TINspire CAS or similar calculator with a computer algebra system is NOT allowed on examinations and quizzes.

Prerequisite: An appropriate Algebra Placement Test Score

Learning Outcomes: Upon successful completion of this course, students should be able to:

- Recall basic mathematical terms related to elementary algebraic, exponential, and logarithmic functions, and derivatives and integrals of such functions and express these terms in correct context.
- Apply the methods of calculus to solve applications involving maxima, minima, rates of change, motion, work and area under a curve.
- Verbally interpret data given as graphs, tables, and equations and put into words the relationship between a function and its derivative or integral given in these forms as well.
- Utilize a graphing calculator to solve problems, locate maxima and minima of a function and analyze change in a function.

Grading: The student's final grade will be weighted as follows:

Test grade: 45%

Homework: 10%

FINAL exam: 25%

Attendance/Participation: 10%

A: 90% – 100% B: 80% – 89.99% C: 70% – 79.99 D: 60% – 69.99% F: below 60%

You will receive a B+, C+, or a D+ if your grade is at least an 87, 77, or 67 respectively.

LAST DAY to withdraw without a grade of W: Aug. 30, Wednesday

LAST DAY to withdraw without a grade of WF: Oct. 16, Monday

More important dates can be found here: [Academic Calendar](#)

FINAL EXAM DATE: Dec. 15, Friday - 9:00 a.m.

Any Final Exam times can be found here: [Exam Schedule](#)

CLASS POLICIES:

1. **Absences from tests:** excused absences for a test will only be in an emergency basis, and the student will need to provide proper documentation. As always the instructor maintains the right to make the final decision.
2. YOU are responsible for what goes on in class, whether you are there or not. If you miss a day of class, the instructor WILL NOT PROVIDE NOTES, get the notes from someone in class and always check blackboard
3. Homework will be assigned at the end of every class. Assignments will be done online. Details further than those provided above will be given out in class.
4. Please turn off all electronic devices before entering class. If you must text, please go outside the classroom.
5. **NO late assignments will be accepted**, see the grading policy, I drop some quizzes and homeworks, these will be used instead of late assignments.
6. If you have a **Learning Disability** which will affect this class, you should contact SDS at <https://www.sa.sc.edu/sds/> A student that may apply should contact the SDS as soon as possible concerning accommodations one needs, also contact the instructor as well and these will be accommodated.
7. Keep all your tests. Errors in the computer cannot be changed unless you have the originals.
8. Do not use red or pink ink or red or pink pencils on tests. Blue or black pencils or pens preferred. You are

expected to bring pencils or pens sufficient to complete the test.

9. I will expect you to conduct yourselves following the **Carolina Creed**, which can be found at <http://www.housing.sc.edu/creed/index.html>

10. **MATH LAB:** there is a *free walk-in tutoring lab* in Leconte 105, open Monday-Friday. There are also paid one-on-one math tutors available. For more information about either the lab or hiring tutors, see <http://www.math.sc.edu/math-tutoring-center>

11. **Student Success Center:** In partnership with UofSC faculty, the Student Success Center (SSC) offers a number of programs to assist you in better understanding your course material and to aid you on your path to success. SSC programs are facilitated by professional staff, graduate students, and trained undergraduate peer leaders who have previously excelled in their courses. Resources available to students include:

- **Peer Tutoring:** make a one-on-one appointment with a Peer Tutor by going to www.sc.edu/success. If a course is not on the semester's supported-course list, there is a process for requesting assistance. The full schedule of days/times/locations for drop-in and Online Tutoring hours can also be viewed on the SSC website.
- **Supplemental Instruction (SI):** attend SI Sessions to focus on the most difficult content being covered in class. SI Leaders are assigned to specific sections of courses and hold three weekly study sessions that can serve as "built-in study time." The schedule is posted on the SSC website each week and will also be communicated by the SI Leader.
- **Peer Success Consultations:** make a one-on-one Success Consultation with a Peer Consultant to work on developing study skills, setting goals, and connecting to a variety of campus resources. Your instructor may communicate with the SSC via Success Connect, an online referral system, regarding your progress in the course. If contacted by the SSC, please schedule a Success Consultation. Success Connect referrals are not punitive and any information shared by your professor is confidential and subject to FERPA regulations.

SSC services are offered to all UofSC undergraduates at no additional cost. You are invited to call the Student Success Hotline at (803) 777-1000, visit www.sc.edu/success, or come to the SSC in the Thomas Cooper Library (Mezzanine Level) to check schedules and make

Academic dishonesty

Students may find FAQs about the University's policy on academic dishonesty (which I will abide if an incident occurs) at <http://www.housing.sc.edu/academicintegrity/stufaq.html>

EXTRA CREDIT: extra credit will be available before each test, for additional points on students' tests, absolutely no other extra credit will be available! A student asking for additional extra credit may be subject to losing class participation points for not thoroughly reading the class syllabus, or listening to the instructor.

Finally I would like to thank you for reading all of this and stay hip and cool and all that jazz, and watch old Disney movies not reality tv.