Instructor: Dr. Robert Scott, rscott5@gru.edu
Office Location and Telephone: Allgood Hall room N327, 706-667-4032
Office Hours: MW 1:30-2:30pm, TuTh 10:10-10:40am, F 11:00-11:50am, or by appointment

Course Description: An introduction to calculus including limits and continuity, derivatives of polynomial, rational, trigonometric, inverse trigonometric, exponential, and logarithmic functions, applications of derivatives, and basic integration. Prerequisite(s): MATH 1113 (grade of C or better) or placement.

How to do well in this course: I am convinced that all my students are capable mathematical thinkers, but I realize that not all students who start my classes believe this. Part of our goal working together is to convince each of you that you are capable, perhaps even extraordinary, in math. The most important tip I can give you is:

Always do your homework.

College courses generally require two to three hours of preparation for each hour of class time. If you want to get the best grade you can, the first step is to do every assignment to the fullest extent of your ability. Don’t copy it from someone else, don’t fake your way through it; do it. This is especially true if you find a certain topic difficult; in math, the only way to learn is for you to work your way through any difficulties, instead of avoiding them.

Of course, to do your homework effectively and efficiently, you must do the reading, both before and after class, and attend class. However, the homework that goes with each class isn’t just a sideshow or addendum to class; the homework is the main event. Online homework is accessed through D2L; you will still need to purchase access as discussed below. The WebAssign D2L access also includes several versions of multimedia help, as does the textbook site Stewart Calculus (http://www.stewartcalculus.com); you are urged to explore features of both of these sites as well as the textbook itself, the first week of class.

One other note: To get you into the habit of doing your homework regularly, no late homework will be accepted in the class, unless you ask me 24 hours in advance or you have a true emergency. Send me an email if that is the case.

A second tip is:

Use my Office Hours when you need help.

The Math Assistance Center can help you as well, and they are located on the 3rd Floor of Allgood Hall, at the Atrium. My office is around the corner.
Friendship Policy: It is an adage among Math Professors that “students who reflect on what they do and communicate with others about it are in the best position to build useful connections in mathematics.” Among other things, that means that working together whenever you can will pay off in the long run. To that end, you are urged to make friends with students in this class. If you are absent from class, your friends will be very happy to lend you their notes to copy! I encourage you to write down the names of two of your class friends and their contact information your first day of class.

Required Text, Calculator and Other Materials:

- On-line access to Desire2Learn (D2L) at no cost, available through the Augusta University home page or at this URL: https://lms.gru.edu/.

- On-line access to WebAssign which must be purchased. You will not actually need the CD bundled with textbook if you buy the textbook from the University bookstore, but if you buy that then you will not need to purchase additional access. You can also buy online access through the publisher (CENGAGE Learning). The online homework is accessed through D2L; it is the first folder in the course module and says “WebAssign.” Note that with D2L access you will not need a Class Key, but you will need your purchased access code the first time you log into WebAssign (through D2L). Also note that you can get “free” access for about two weeks, but you will need to pay for it before the time runs out or you’ll “lose” all the homework you completed. In any case, you will need WebAssign access starting the very first week of class.

- Textbook: Stewart, Essential Calculus, Second Edition. Note that this text is sold in the University bookstore as well as through amazon.com. Note also that you can access an online version of the textbook for no cost once you have purchased your WebAssign access and are using it through D2L.

- Any scientific graphing calculator that includes logarithms (“common” and natural) and basic trig functions; the calculator you used in a Precalculus or a Trigonometry course should be suitable.

Recommended but not required:

- Student Solutions Manual for assigned textbook, available through the publisher (CENGAGE Learning). It is expensive (around $75.00 for the print edition and $20.00 for the e-book), but it may be useful if you have trouble completing homework problems.

- Schaum’s Outlines: Calculus (4th edition or later), available from Amazon (paperback used, the price is only around $15 including shipping).

Organization of the Course: We will cover Chapters 1 through 5 in the textbook, starting with a short review of Precalculus; throughout the course we will emphasize homework / problem solving. You will understand and be able to work the tests if you understand and are able to work the homework!

Self-Assessments: There is a required self-assessment every week for the first six weeks of class. I recommend you set up a reminder system so you don’t miss any of the homework or assessment deadlines.
Attendance policy: Absences are discussed in the Jaguar Student Handbook. Augusta University Policy 3.7.2 states that “if the student has been absent for more than the equivalent of 10 percent of class time, regardless of cause, then the professor may withdraw the student from the class for excessive absences.” Since there are 60 class days this semester, more than six absences constitute missing over 10% of the class sessions. Coming in significantly late “counts as ½ an absence” in this context. If you have missed seven or more classes and have an overall grade of “D” or “F” on or after midterm (this semester, that's March 7th), expect to be dropped from the course.

Grading Weights: There will be five tests plus one scheduled make-up test. Each test will contribute 8% of your final grade, so altogether they make up 40% of your final grade. We will discuss how the make-up test works in class; in summary, you must make up any test you miss during the make-up test period, and if you have not missed any then you can re-take any of Tests that you need to raise your grade. The Final Exam counts 35% of your grade. The other 25% of your grade consists of homework assignments, both on-line (12%) and turn-in (11%), and self-assessments (2%). In calculating these grades, your lowest four (4) on-line homework assignments and two (2) self-assessments will be “dropped” and won’t count in your average.

Grading Scale: In grading your work, I round grades off to the nearest integer percentage.

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<tr>
<th>Grade</th>
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<tr>
<td>A</td>
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<td>80-89%</td>
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<td>C</td>
<td>70-79%</td>
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<tr>
<td>D</td>
<td>60-69%</td>
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Attendance Bonus: If you have at most three absences (excused or otherwise) during the entire semester, then you get an extra 2% added to your overall final grade for the course.

Math Assistance Center: There is a “MAC” on the 3rd Floor of Allgood Hall, room N304. It is a no-cost option for you to get assistance or tutoring anytime they are open – which is generally from around 8am to 8pm Monday through Thursday, and until around 1pm on Friday. The tutors are experienced students (generally math majors) who are paid by the Math Department to be there to help you. Feel free to use them not only for studying but also for any homework problems you may encounter. To me, your “graded homework” needs to be your work – but you should feel free get help in completing homework. If there are any exceptions to this, I’ll let you know in each case. And don’t forget that my office is right around the corner from the MAC – so drop by if I’m in, whether or not it is my “official” Office Hours.

Communicating with me. My office phone number is at the top of this syllabus, and I can retrieve office voice mails wherever I am. I prefer not to distribute my cell number to students (I’m sure you can understand why), so that pretty much eliminates my ability to exchange text messages with you. But I do check email frequently, and it is automatically forwarded to my smart phone. I will only respond to emails from your school email account, so please don’t contact me via gmail.com / hotmail.com / att.net, etc. Per Augusta University Policy, you also need to check your school email account daily, as that is how I will generally communicate with you outside of class. There are several websites to give you pointers on college student email etiquette; I recommend you review them periodically. If I had to pick out two etiquette points that are most important to me, they would be (1) always use your school email address (gru.edu) and not a personal address, and (2) always put a subject line on your email that includes your course and section. I’ll add a third: (3) be patient. I’ll generally answer your email in 24 hours or less, but not necessarily before then.
My Office Hours are on the top of this syllabus. I recommend you make an appointment to see me in my office sometime the first three weeks of the semester, whether you need help or not, so you will see where it is and we can get to know a little bit more about each another.

Special Circumstances: Students with disabilities who believe they may need academic accommodations are encouraged to speak with me after class. They will also need to contact Testing and Disability Services (TDS) (Galloway Hall; 706-737-1469; http://www.gru.edu/admin/tds/) as soon as possible for more information, including how to initiate the process.

Technology in the Classroom: You may use tablet or laptop computers in class (except during quizzes and tests) for academic purposes only, but not cellphones. In order to avoid the temptation to text, please turn cell phones off during class (not just “vibrate” or “silent ring” but really “off” or “airplane mode”) during class. Reading or sending text messages or checking social media during class is impolite and interferes with your participation in class. If your employer requires you to be on call during class, please inform me in writing and we’ll work something out.

- Any use of any of these devices during a test or quiz will result in a score of zero (“0”).
- If you absolutely need to receive or make a call during class hours, please leave the classroom. Expect to be asked to leave the classroom if this happens unexpectedly.

On Line Assistance: Tutorials are available on line, not only from WebAssign via D2L but also from the textbook website (http://www.stewartcalculus.com).

Withdrawing From This Course: If you decide to withdraw, please discuss your situation with me first. Note that University policy is that a student can withdraw before midterm (March 7th this semester) without penalty; any withdrawal after that point will be “Withdraw Failing” and will adversely affect your academic record.

How To Succeed In This Course: Reread the section at the start of this syllabus! Prepare for class every day, which includes reading the text book section and going through the textbook examples before we discuss the section in class. You are responsible for all the material in each section, whether or not we go over that material in class. Reading in advance is the only way you will know what questions to ask. Complete the homework from “yesterday's assignment” before “tomorrow's class.” The textbook website has several multimedia study aids, including videos and worked homework and example problems. Use any or all of those that you find helpful.