

Contact: 601B Boyd Graduate Studies, 542-2547, [brian@math.uga.edu](mailto:brian@math.uga.edu)

Office Hrs: M 12:20-1:20, W 1:30-2:30, F 9:00-10:00 (tentative) and by appointment or chance MWF. E-mail questions are encouraged!

Text: Edwards & Penney, *Calculus*, (early transcendentals version), 7th edition.

Material: Sections 2.1–2.4, 3.1–3.9, 4.2–4.7, 5.2, 8.3.

Objectives: the primary objective is to learn the material in the sections listed above! Also:

- understand the concepts of limit and derivative
- learn and use rules and formulas for computing limits and derivatives
- use derivatives to solve applied problems, including: max-min, related rates, curve sketching.

Homework: There is no way to learn calculus without doing lots of homework problems to become adept at the many methods and techniques of the subject. Homework will be assigned at least weekly, using the web-based WeBWorK system, which allows you to attempt each problem as many times as you like, and gives immediate feedback as to whether your answers are correct. Your WeBWorK class is at [https://webwork.math.uga.edu/webwork2/Math2200\\_Boe/](https://webwork.math.uga.edu/webwork2/Math2200_Boe/). Homework due dates are always visible when you sign in to WeBWorK. (More detailed information is on the separate WeBWorK document.)

Discussion Sessions: You will have a weekly discussion session with a TA on Thursdays 11:10-12:00. These are primarily for discussing homework problems. There will also be occasional pop quizzes. Unlike in WeBWorK, where only the final answer is graded, on the quizzes and tests you're expected to show all your work and explain/justify your answers. But you can also earn partial credit.

Policy: **Attendance policy:** Students with excessive undocumented absences (more than 5, including the Thursday discussion section) may be withdrawn from the class. **I don't accept late homework or give make-up exams.** Every student has agreed to follow the UGA Student Honor Code: "I will be academically honest in all of my academic work and will not tolerate academic dishonesty of others." You are also expected to be familiar with the Academic Honesty Policy, "A Culture of Honesty": [http://www.uga.edu/honesty/ahpd/culture\\_honesty.htm](http://www.uga.edu/honesty/ahpd/culture_honesty.htm). In particular, **copying another student's work (even with minor changes), or allowing another student to copy yours, constitutes academic dishonesty.**

<u>Grading:</u>	Homework	15%
	Quizzes	5%
	3 Tests	45%
	Comprehensive Final Exam	<u>35%</u>
		100%

<u>Test Dates:</u>	Wed. Sep. 19		(tentative—let me know if you have a conflict)
	Wed. Oct. 17		
	Wed. Nov. 14		
	Final Exam: Fri. Dec. 14, 8:00-11:00 a.m.		

This course syllabus provides a general plan for the course; deviations may be necessary.