

Math 2250 Calculus Syllabus

Nathan Walters

LECTURE TIME: 2:00-3:15 TR Room 322, Boyd
11:15-12:05 F Room 101, Dawson

OFFICE: Boyd 434F **E-MAIL:** walters.nathan.l@gmail.com

MY WEBSITE: <http://www.math.uga.edu/~nwalters>

FREE TUTORING/OFFICE HOURS: Every day after class. I plan to have office hours for one hour, but if no one is there after half an hour, I reserve the right to leave early.

Additional meeting times can be made by appointment.

HOMEWORK WEB SERVER: <https://webwork2.math.uga.edu/webwork2/>

TEXT: University Calculus, Early Transcendentals, Second Edition by Hass, Weir, Thomas.

TEST DATES: January 26, February 23, March 29, April 26.

FINAL EXAM: The final is Tuesday, May 8, 3:30-6:30 PM in Boyd 322.

GRADING: Grading is done by total point scoring.

There will be 4 tests at 100 points each

Homework will count for 50 points

Bonus Problems will count for 40 points*

Attendance will count for 10 points*

The final will count for 200 points

*-explained more fully below

If you get at least the points noted below, you are guaranteed at least the corresponding grade.

A:651 A-:630 B+: 609 B: 581 B-: 560 C+:539 C:511 C-:490 D:420

ATTENDANCE: After the first week, each absence will result in 2 points being deducted from your attendance score. Any absences after your attendance score reaches zero may result in your being dropped from the class. Attendance is taken at the beginning of class. You may be counted absent if you are texting, reading a newspaper, using a computer, sleeping, or otherwise not being an active participant of class.

BONUS PROBLEMS: In addition to homework problems, each student should prepare (on his or her own) eight problems from the following list (additional problems may be announced later). Each will be graded on a 5 point scale.

CH 2 – Additional and Advanced Exercises #4, 5, 6, 14, 21

CH 3 – Additional and Advanced Exercises #6, 8, 19, 20

CH 4 – Additional and Advanced Exercises #13, 15, 17, 22, 35

CH 5 – Additional and Advanced Exercises #4, 5, 6, 20, 21, 22, 31, 32, 39

3.11 #63; 4.1 #84; 4.3 #80; 4.6 #22, 24, 25; 5.1 #21, 22; 5.3 #83, 85, 88; 5.6 #115, 116

These may be turned in at your convenience, up to the last day of class; however it is recommended that you finish them in a timely manner.

CALCULATORS: Graphing calculators which do not perform calculus operations may be used during tests: TI-84 calculators are acceptable, TI-89 are not. I reserve the right to clear the memory of any calculators at any time during the test. As a general rule, no calculator or program which can take a derivative can be used: if there is any doubt, it is your responsibility to check with me before use.

HOMEWORK: Students are allowed to work together and use any resource they wish on homework.

ACADEMIC HONESTY POLICY: All academic work must meet the standards contained in *A Culture of Honesty*. (<http://www.uga.edu/honesty/> and there is a link to read the document) Students are responsible for informing themselves about those standards before performing any academic work. This policy defends the academic integrity of all student work, and will be uniformly applied to all students in the class.

ACADEMIC ACCOMMODATION: If you have a documented disability which affects your teaching/learning/evaluation, you should contact the Disability Resource Center ([\](http://www.drc.uga.edu/about/welcomeletter.php))

COURSE OBJECTIVES: Major topics include limits, the definition and meaning of the derivative; differentiation rules; reading, setting up, and solving word problems; conceptual skills with graphing (involving the first and second derivatives); continuity and the intermediate value theorem; maximum and minimum values; mean value theorem; antidifferentiation techniques and the fundamental theorem of calculus.

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary. It is the responsibility of the student to seek clarification of the grading policy and/or course requirements and procedures from the instructor.