

## MATH 2250, Fall 2015

INSTRUCTOR: DANNY KRASHEN

### BASIC COURSE INFORMATION

- Lectures (15624): TuTh 9:30am-10:45pm, Poultry Sciences 238  
Recitation (15624): M 12:20am-1:10am, Aderhold Hall 116
- Lectures (25507): TuTh 12:30am-1:45pm, Physics Building 327  
Recitation (25507): M 10:10am-11:00am, Physics Building 327
- Office Hour: TBA
- Office Phone: 706-542-2555
- Email: [dkrashen@uga.edu](mailto:dkrashen@uga.edu)
- Textbook: The Mooculus Textbook (<https://mooculus.osu.edu/handouts>)

### ONLINE RESOURCES

- Course Webpage: <http://dkrashen.github.io/calc1/>

### COURSE OBJECTIVES/TOPICS

- The concept of the derivative.
- Derivatives of algebraic, exponential, logarithmic and trigonometric functions.
- Model and solve optimization problems (minimization and maximization).
- Calculate approximate values of functions, sketch graphs.
- The concept of the definite integral.
- Antiderivates and the evaluation of integrals. Substitution.
- The fundamental theorem of calculus.

### GRADING POLICY

- 3 Mid-semester exams worth 20% each (Sep 14, Oct 12, Nov 16)
- Homework worth 15% (lowest 2 scores are dropped),
- Final exam worth 25%.

### ACADEMIC HONESTY

As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, "A Culture of Honesty," and the Student Honor Code. All academic work must meet the standards described in "A Culture of Honesty" found at:

<http://www.uga.edu/honesty>.

Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

*The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.*