MATH 2011A Calculus I
Spring 2016

INSTRUCTOR: Dr. Robinson
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office hours: TR 12:00-1:00; R 10:00-11:00.

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.


GRADING: Your grade for the course will be based on three in-class tests (60%), homework/quizzes (10%) and a cumulative final exam (30%). Your letter grade for the course will be assigned using a standard ten-point scale: 90% guarantees a grade of A, 80% a grade of B, etc. I will not accept late homework or give a make-up test.

HOMEWORK POLICY: You may work together on any assignment unless I specifically forbid it. However, you should write up your solutions independently and include references as necessary since any work turned in to me will be assumed to reflect your own understanding.

WITHDRAWALS AND ATTENDANCE: If you wish to withdraw before midterm (March 7), you must take the responsibility for filling out the necessary forms. I will take attendance daily and reserve the right under University policy to issue a grade of “WF” after the midterm to students who miss more than six classes.

COURSE OUTLINE:

- Chapter 1: Understanding the Derivative
- Chapter 2: Computing Derivatives
- Chapter 3: Using Derivatives
- Chapter 4: The Definite Integral
- Chapter 5: Finding Antiderivatives and Evaluating Integrals

NOTE: The final exam for this course is scheduled for Thursday, May 5, 8:00-10:00 am, in AH E260.

NOTE: Audio or video recording of lectures or class activities is prohibited without my explicit permission.