

MAT 123 - INTRODUCTION TO CALCULUS
SUMMER 2016

Instructor's Information

Zeyu Cao (zeyu.cao@stonybrook.edu)
Office addr: Graduate Students office (S240A in Math Tower)
Office hour: Monday 4:00 - 5:00 pm
MLC hours: Thursday 2:00 - 4:00 pm

Grader's Information

Juan Ysimura (ysimurajuan@gmail.com)

Course Description

This course offers a preliminary to the well-developed theory of Calculus. In the course we will focus mainly on basic definitions, elementary functions, trigonometric functions and involved computations (rather than on mathematical proofs). Some of the topics we will cover are: review of numbers; functions and their general properties; specific properties of elementary functions; trigonometric functions and their applications. If there is enough time, we may cover other topics as sequences, limits.

Thus, we will try to cover the main parts from Chapter 1 to 6.

Textbook

Precalculus-A Prelude to Calculus, by Sheldon Axler, the 2nd edition, Wiley.

Exams

- Midterm - 6/16 (on class)
- Final - 7/07 (on class)

Grading

- Homework - 30%
- Midterm - 30%
- Final - 40%

Your course average will be determined by a weighted average of the graded components above.

Late Homework Policy

A student's homework assignment shall be considered late if it is not turned in to the instructor by the end of lecture on the due date. Late homework assignments may be turned in to the instructor by the end of the first lecture after the due date, but will be penalized 50%. Late homework assignments will not be accepted more than one lecture past the due date.

Missed Exam Policy

No make-up exams will be given. If a student misses a midterm exam, then the student's final exam grade will be substituted for the missed midterm. A student must sit the final exam at the scheduled time in order to receive a passing grade in the class.

Disability Support Services (DSS) Statement

If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact Disability Support Services (631) 632-6748 or

<http://studentaffairs.stonybrook.edu/dss/>

They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and Disability Support Services. For procedures and information go to the following website:

<http://www.stonybrook.edu/ehs/fire/disabilities/asp>

Academic Integrity Statement

Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty are required to report any suspected instance of academic dishonesty to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at

<http://www.stonybrook.edu/uaa/academicjudiciary/>

Critical Incident Management

Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Judicial Affairs any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, and/or inhibits students' ability to learn.