

Syllabus

Course Description: Comprehensive preparation for the regular calculus sequences, with introduction to derivatives. Careful development of rational, exponential, logarithmic, and trigonometric functions, and their applications. Asymptotics and limits. Linear approximations, slope and derivatives, detailed curve sketching. General modeling examples. This course has been designated as a High Demand/Controlled Access (HD/CA) course. Students registering for HD/CA courses for the first time will have priority to do so.

Prerequisite: C or better in MAP 103 or level 3 on the mathematics placement exam. (Prerequisite must be met within one year prior to beginning the course.)

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When sending me an email, please use your official Stony Brook address and please draft a new email with its own subject as opposed to replying to a previously sent mass email.

Zoom Office Hours: Tuesdays 9am-11am **Zoom MLC Hours:** Thursdays 11am-12pm

Blackboard: Will be the main resource to get the information about course materials, grades, announcements, etc. Check it regularly.

Lectures: Lectures for the entire course can be found on Blackboard under “Lecture Videos.” Almost every weekday, there will be a new video posted to Blackboard at 6am, but you are free to watch the recording whenever it fits your schedule. I will be assigning 24 total lectures for you to watch. There will be a homework assignment posted to MyLab Math which corresponds to every lecture video.

MyLab Math: Will be our online homework and test platform. There will be 24 total assignments (one for each lecture) and the lowest 4 will be dropped. The due date for HW 1-13 will be the night before your Midterm (due by Thursday 6/10 at 11:59 PM). The due date for HW 14-24 will be the night before your Final Exam (due by Wednesday 6/30 at 11:59 PM). Registration instructions can be found on Blackboard. There will be no extensions granted for HW assignments, please keep up with the material.

Exams: It is your responsibility to make sure that you are available during exam times. Having work is unfortunately not an acceptable reason for not attending an exam, so if you work during these hours, please find coverage. During exam times, you will be proctored on Zoom. You will have to join a Zoom session with your professor and show ID before you receive the password for the exam.

Grading Scheme:

35%: Homework

30%: Midterm (Fri 6/11 from 6pm to 7:30pm on MyLab Math covering Lec. 1-13)

35%: Final Exam (Thurs 7/1 from 6pm to 8:45pm on MyLab Math covering Lec. 14-24)

Student Accessibility Support Center Statement

If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Student Accessibility Support Center, 128 ECC Building, (631) 632-6748, or via e-mail at: sasc@stonybrook.edu. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

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 is required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic integrity, including categories of academic dishonesty please refer to the academic judiciary website at http://www.stonybrook.edu/commcms/academic_integrity/index.html

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 University Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures. Further information about most academic matters can be found in the Undergraduate Bulletin, the Undergraduate Class Schedule, and the Faculty-Employee Handbook.