

# MAT123: Introduction to Calculus

## Winter 2016 - Hybrid

### COURSE SYLLABUS

**Instructor:** Deb Wertz

[debra.krieg@stonybrook.edu](mailto:debra.krieg@stonybrook.edu)

**Office:** Math Tower S-240-C

**Overview:** This is an introduction to Calculus. We will study functions and their properties with special emphasis on polynomial, rational, logarithmic, exponential and trigonometric functions.

**Format:** This course is being offered this semester in two formats. Make sure you have registered for your desired section:

- Lecture and recitation (section 01)
- Recitation and self-study (section 02)

**Pre-requisite:** Score of 3 or better on placement exam.

**Textbook:** *Pre-Calculus: A Prelude to Calculus, 2e* by Sheldon Axler. I will be using the text mostly for homework and I do not expect you to bring it to class.

**Calculator:** A graphing calculator is required for this course for use in lecture and homework. The calculator will not be used on exams but bring it to class daily.

**Blackboard:** You are required to use this application throughout the course to access assignments and other material, to view grades, to contact me and you are expected to check the site (<https://blackboard.stonybrook.edu/>) on a daily basis since you are responsible for any material posted. Use your NetID to log into Blackboard (get your NetID and set password in SOLAR). WebAssign will be accessed from Blackboard as well (see below).

**Grading\*:** Your course grade will be determined from the following items:

Exam 1 = 30% of final grade

Final Exam = 50% of final grade

Homework = 20% of final grade

\* subject to change based on core competency

**Videos:** The website for the course videos is <http://www.math.stonybrook.edu/~scott/mat123.winter16/>

**Exams:** See Curriculum file on Blackboard for exam dates. **Note that the final will be held on the last day of class, which is a Friday (not a recitation day).** In class attendance at these exams is **mandatory** even if you are registered for the self-study section. There are **no exceptions** to this policy. Clear up any work, etc obligations **now**, not later. **Make-up exams will not be given under any circumstances.** If Exam 1 is missed due to a documented emergency, the final exam score will replace that missing score.

**WebAssign:** We will be using web-based homework assignments. WebAssign can be accessed through "Tools" in [Blackboard](#) - with this procedure you will not need a course key or login. You may opt to not buy the book at the campus bookstore (Amazon, etc) and get the WebAssign license separately. There is also an electronic-only version of the text available through WebAssign. The first time you access WebAssign, you will see your licensing options. If you are taking calculus at this university, it will be more cost effective to purchase the multi-term licensing. Licensing costs \$47-\$110.

## Homework Guidelines:

1. Working through problems is crucial to understanding math. An assignment will appear in WebAssign soon after each class and is to be completed either Tuesday or Thursday evening (11:59pm).
2. You will have the opportunity to ask homework questions during recitations. Print out the assignment, try to work through all the problems and bring it to class along with your work so you can get the most out of the Q&A session.
3. While I *encourage* you to use a calculator on the homework, it will not be allowed during exams so be sure you also know how to solve the problems without the calculator.
4. Comprehension of homework questions as well as the examples I will cover in lecture will be instrumental in preparing you to do well on the exams. I encourage you to take good notes and form study groups.
5. There is a document on Blackboard labeled Course Curriculum itemizing the topics covered during each lecture.

## Attendance:

- If you are registered for section 01, it is mandatory that you attend both lecture and recitation.
- If you are registered for section 02, it is mandatory that you attend recitation on Tuesdays and Thursdays plus be present for both Exam 1 and the Final Exam.

**Concerns:** If you have ANY problem related to the course, please feel free to discuss it with me. I truly want you to succeed in this course and I will do whatever I can to help resolve the problem. You can talk to me before or after class, during office hours or via email.

**Cell Phones:** During class, cell phones should be either turned off or set to vibrate. If you must receive or make a call, please leave the classroom to do so. Do not text, listen to music or engage in social media during class time.

**Americans with Disabilities Act:** If you have a physical, psychological, medical or learning disability that may impact your course work, please contact Disability Support Services, ECC (Educational Communications Center) Building, room128, (631) 632-6748. They will determine with you what accommodations, if any, are necessary and appropriate. All information and documentation is confidential.

**Academic Integrity:** 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 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/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, or inhibits students' ability to learn. Faculty in the HSC Schools and the School of Medicine are required to follow their school-specific procedures.

**IMPORTANT:** It is the **student's** responsibility to keep the instructor informed of situations and events that prohibit student learning including family emergencies, illnesses and disabilities (please see the statement regarding students with disabilities above). Communication is a must and initial communication is the student's responsibility. When emergencies occur that prohibit student learning and performance, it is the student's responsibility to email me informing me of the situation **before returning to class**.