

MAT125: Calculus A Summer 2016 COURSE SYLLABUS

Instructor: Deb Wertz **E-Mail:** debra.krieg@stonybrook.edu

Office Hours/Extra Help: Tuesdays & Thursdays 1-2pm in the [MLC](#) or by appointment.

Overview: Covers limits, continuous functions and differential calculus emphasizing conceptual understanding, computations and applications.

Pre-requisite: The successful completion of pre-calculus.

Textbook: *Single Variable Calculus (Concepts and Contexts) Stony Brook Edition, 4th edition* by James Stewart. If you buy the text in the bookstore, it comes with a license for WebAssign. It is an option to get the book via Amazon, etc or electronically through WebAssign (see below). It will not be necessary to bring the text to class.

Calculator: A graphing calculator is **required** for this course for use in lecture and homework. Some recommended graphical calculators are the Texas Instruments TI-83 or TI-84. Note: calculator will not be allowed for exams.

Blackboard: You are expected to use [Blackboard](#) throughout the course to access documents and WebAssign (see below), view grades and announcements. My contact information is under *Faculty Information*. Use your NetID to log into Blackboard (get your NetID and set password in SOLAR). WebAssign will be accessed through Blackboard as well (see below).

WebAssign: We will be using web-based homework assignments. WebAssign can be accessed through "Tools" in [Blackboard](#). 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 126 at this university, it will be more cost effective to purchase the multi-term licensing. Licensing costs \$47-\$110.

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

Midterm = 30% of final grade

Final Exam = 50% of final grade

Homework = 20% of final grade

Attendance and Participation: You are expected to attend class regularly and will be called on to participate during class. Overall good participation will result in a bonus of up to 5 points on the final average. Due to the condensed nature of the course, attending every class is mandatory. Each absence will result in an **2-point** deduction from your final average. In addition, **any lateness greater than 15 minutes will be considered as 1/2 an absence.**

Exams: There will be one midterm exam and a final exam as follows:

Midterm will be on Tuesday, June 21st in class.

Final exam will be on Thursday, July 7th in class.

Attendance at these exams is **mandatory!** Clear up any work conflicts, travel plans and/or other obligations **now**, not later. **Make-up exams will not be given under any circumstances.** If the midterm is missed due to a documented emergency, the final exam grade will replace that missing score. If the absence is not excused, your score will be zero.

Homework:

1. Working through problems is crucial to understanding math. An assignment will appear in WebAssign soon after each class and is to be completed on (usually) the evening of the next class (11:59pm).
2. You will have the opportunity to ask questions regarding an assignment at the beginning of each class. Print out the assignment 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, they will not be allowed during exams so be sure you also know how to solve the problems without the calculator.
4. Being absent from lecture will not be an excuse for not completing homework.
5. 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. If you do not understand how to do something, you are expected to get help from me, your classmates or in the [Math Learning Center](#).
6. There is a document on Blackboard labeled Course Curriculum itemizing the topics covered during each lecture.

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 do 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, room 128, (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**. Additionally, you are responsible for all announcements and material given during class, **whether present or not**.