

Instructor: Deb Krieg

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(I'm also the course coordinator for MAT 123 this semester)

Office Hours/Location/Zoom Link: everything's on my [Contact Card](#) – I use my Zoom Personal Meeting Room for online office hours

About the Course

This course is taken in conjunction with MAT123 to give you the opportunity to develop the foundation skills to help you be successful in Precalculus.

There are no homeworks or exams specific to MAT119.

The goal of this course is to ensure that you have a proper background to take calculus at Stony Brook. This means that we will need to accomplish several things:

- Ensure that you have fluency with a variety of topics, such as trigonometry, exponentials and logarithms, algebraic functions (polynomials and rational functions).
- Ensure that you are comfortable and conversant with the underlying concepts such as functions, domain, range, inverse functions, functional composition, and so on.
- Ensure that you have mastered the various means of manipulating functional and algebraic expressions, solving basic equations, and their graphical representations.
- Be able to apply the above to problems both within and outside of mathematics. Part of this is a deeper understanding of functions, whether viewed as graphs, tables, or formulae. Fluency in understanding the language of mathematics is essential for success in the sciences or engineering.

Homework

You are encouraged to bring questions you have from your homework (Lumen or paper homework) to class. You may also bring questions from lectures or review material.

Exams

There are no exams for MAT119. Instead, we will be preparing for the MAT123 exams.

How your grade will be calculated

Your grade will be based on your attendance, participation and effort. This is a Pass/Fail (S/U) course. Attendance will be taken every class and participation/effort during class time will be noted. You will not get credit for coming to class if you are not participating. If such is the case, you may be marked absent. Missing half or more of the scheduled class meetings will result in an automatic U (Unsatisfactory) for the course.

Blackboard

Occasionally, items will be added to Blackboard when we didn't have time to finish them in class, or if additional problems are posted. When items are posted, you will receive an email to inform you.

Additional Resources Beyond the Course:

Check out the multiple links posted on Blackboard under *Resources -> General Information -> Getting Help Outside the Course*

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, Stony Brook Union Suite 107, (631) 632-6748, or at sasc@stonybrook.edu. They will determine with you what accommodations are necessary and appropriate. All information and documentation are 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 Professions, 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.