

MAT 123 Precalculus	Summer Session II 2021 July 5th – August 14th
Course Meeting Days/Times: TBD	Location: Online
Meeting Pattern: One day a week for live Q&A - TBD	

Instructor: Stephanie Lamb (Salvator)

Office Hours: Thurs 10 AM - 12 PM

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COURSE DESCRIPTION

We will study functions and their properties with a special emphasis on polynomial, rational, logarithmic, exponential and trigonometric functions. We will also highlight the use of math vocabulary, which not only allows for a deeper understanding, but allows students to express themselves adequately and accurately.

COURSE GOALS

- Perform valid mathematical manipulations on expressions involving trig functions, exponential functions, and logarithms.
- Solve equations involving trig functions, exponential functions, and logarithms.
- Describe and plot graphs of trig functions, exponential functions, and logarithms.
- Use trig functions to solve geometric problems involving triangles and other simple shapes.
- Interpret, model, and draw conclusions from data modeled by trig functions, exponential functions, and logarithms.

EVALUATION AND GRADING

Weighted Grading System: Midterm: 30%, Homework & Quizzes: 30%, Final: 40%

COURSE EXPECTATIONS AND INFORMATION

- **Material:** A weekly curriculum plan will be made available before the first day of class. All materials necessary to succeed in this course will be kept on Bb (Blackboard) under “Course Resources”. Material will be learned primarily through department videos. In addition, once a week, we will meet live on Zoom to go over material and provide a time for questions and answers. These meetings will be recorded and stored on Bb for reference as well. Students should come to these meetings having taken care of responsibilities previously laid out, and prepared with questions. Active participation makes the course better and more beneficial for everyone, so questions and discussions are more than welcome!

- **Textbook:** Our primary textbook is OpenStax's Precalculus. The textbook is free and will be available on Lumen. We will cover select chapters, although not necessarily in the same order or the same presentation as the book.
- **Homework:** The homework for this course will be completed through the free online platform, Lumen (<https://ohm.lumenlearning.com/>). Directions will be posted by the first day of the summer session (Monday, July 5th). Due to the condensed nature of the course, there will be more than one assignment each week. You will be allowed to use a set number of late passes during the semester should you need an extension. You might need to use a calculator on some homework problems, but it will not be required for exams.
- **Exams, Quizzes, etc.:** There will be one midterm (Friday, July 23rd) and one final exam (Friday, August 13th). In addition, there will be intermittent quizzes. All of these will be uploaded by the instructor to Gradescope (directions will be given on how to access this) and students will upload their solutions there as well. Quizzes are to be completed within a given time frame, however, exams will be proctored for all students at the same time. The time (in the morning) will be discussed at a later point, however, it will be on the dates aforementioned.
- **Makeups/Extra Credit:** No extra credit is offered. Makeups will not be allowed unless there is a situation with documentation to support it.
- **Class attendance and participation:** Attendance and active class participation, though not mandatory, are the easiest ways to stay on top of this course.
- **Technology:** It is highly recommended that you keep your camera on during our live meeting times. During exams, it will be required.
- **Blackboard and Email:** Students are expected to check their Stony Brook email account and log into Blackboard regularly for important course information.
- **Instructor Email and Appointments:** When you email me, please give me at least 24 hours to respond. If I do not respond within that time, then you may need to send me another email. Also, please state which course you are from. If you are interested in meeting with me during my office hours, please email me to let me know. I want to make sure that I can devote time to you and not have too many people show up.
- **Academic Success and Tutoring Center (ASTC):** The ASTC provides free academic support services for all undergraduate students, including one-on-one tutoring, small group tutoring, academic success coaching, and public speaking seminars. Learn more about these services and additional campus resources at www.stonybrook.edu/tutoring. Summer hours may be different.
- **The Math Learning Center (MLC):** The Math Learning Center (MLC): The MLC is a free resource for students, offering help with homework and studying in MAT courses. The MLC will be working in an online only capacity. Please see <http://www.math.stonybrook.edu/mlc/>.
- **Student Accessibility Support Center:** 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 at sasc@Stonybrook.edu. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

- **Academic Integrity:** Each student must pursue his or her academic goals honestly and be held 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, and 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.