

<b>MAT 130</b> <b>Trigonometry &amp; Logarithms</b>	<b>Spring 2022</b>
<b>Course Meeting Days/Times:</b> Mondays & Fridays, 1:00 – 2:20 PM	<b>Location:</b> Light Engineering 152
<b>Meeting Pattern:</b> This class meets twice a week for 6 weeks.	

**Instructor:** Stephanie Lamb (Salvator)

**Office Hours:** Wed 1:00-2:00 PM in person  
& Fri 11:30AM-12:3 PM over Zoom

**Email:** stephanie.salvator@stonybrook.edu

**Zoom Link:**

<https://stonybrook.zoom.us/my/salvatorlamb>  
(also posted on BlackBoard under *Contact Info*).

**COURSE DESCRIPTION**

MAT 130 is a six-week course for students concurrently enrolled in MAT 125: Calculus A. The course is designed to review and reinforce the fundamentals of trig functions, exponential functions, and logarithms necessary for success in MAT 125.

**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**

Grading Policy: MAT 130 is a Pass/Fail course graded as Satisfactory (S) or Unsatisfactory (U). The grade will be determined by attendance. In particular, the grade is not determined by a student's grade in MAT 125. Missing half or more (i.e. 6 or more) of the class meetings will result in a course grade of U.

## CLASSROOM EXPECTATIONS AND INFORMATION

- **Class:** Material will be prepared for each class, but students are encouraged to come prepared with questions from MAT 125 or previous MAT 130 discussions. Your active participation makes the course better and more beneficial for everyone, so questions and discussions are more than welcome!
- **Homework:** There is no official homework for this course. Homework questions from MAT 125 are open for discussion after students have spent some time trying to complete them.
- **Exams, Quizzes, etc.:** There are no exams or quizzes in MAT 130. However, we may take some time to prepare for exams in MAT 125.
- **Textbook:** Our primary textbook is OpenStax's Precalculus. The textbook is free and available at <https://openstax.org/details/books/prec calculus>. We will cover topics in Chapters 4-8 in the textbook, although not necessarily in the same order or the same presentation as the book.
- **Class attendance and participation:** Attendance and active class participation is absolutely essential to this class.
- **Blackboard and Email:** Students are expected to check their Stony Brook email account and log into Blackboard regularly for important course information from their instructors.
- **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. I have many students cannot always remember which course you are in! 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](http://www.stonybrook.edu/tutoring).
- **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 and in-person capacity. Visit the website at <http://www.math.stonybrook.edu/mlc/>.
- **Student Accessibility Support Center Statement (SASC):** 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 via e-mail at: [sasc@stonybrook.edu](mailto:sasc@stonybrook.edu). They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential. Students who require assistance during emergency evacuation are encouraged to discuss their needs with their professors and the Student Accessibility Support Center. For procedures and information go to the following website: <https://ehs.stonybrook.edu/programs/fire-safety/emergency-evacuation/evacuation-guide-disabilities> and search Fire Safety and Evacuation and Disabilities.

- **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](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 Student Conduct and Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Until/unless the [latest COVID guidance](#) is explicitly amended by SBU, during Spring 2022 "disruptive behavior" will include refusal to wear a mask during classes. For the latest COVID guidance, please refer to: <https://www.stonybrook.edu/commcms/strongertogether/latest.php>