

MAT 123: Precalculus – Spring 2018

Course Meeting Time:

Lecture: MW 3:30-4:50 pm – B103

Recitation: W 11:00-11:53 am – B103

F 12:30-1:23 pm – C107

Meeting Location: B103, C107

Instructor: Alex Krejci

Office Location: B403

Office Hours: M 1-3, T 9-10

Office Phone Number: 1388

Email: alex.krejci@sunykorea.ac.kr

TA: Sai Gayatri Pra Peri

TA Email: saigayatripra.peri@stonybrook.edu

TA Office Hour: Tuesdays and Thursdays 5 PM to 7 PM

Text and Materials: *Precalculus: A Prelude to Calculus* (2nd Edition) by Sheldon Axler

ISBN-13: 978-0470648049

Scientific Calculator – recommended for homework, not allowed on tests

Course Goals: This course is intended to provide the foundations of mathematics that will be used in calculus. We will cover topics such as: graphing, right triangles, unit circles, logarithms, equation solving, and more. So, one goal of this course is for you to learn this material. A second goal is to advance your independence in mathematics growth. As part of that, we will learn to identify our challenge points with mathematics and learn how to overcome them.

Communications and Materials: Official course communications will be done using Blackboard and will be sent to your Stony Brook email account. You will be expected to check this email on a daily basis. Course materials and grades will be posted on Blackboard. Please feel free to email me or the TA using the email on this syllabus above.

Online Homework: Homework will usually be submitted online using WebAssign. More details to follow

Homework Policy: You are encouraged to discuss assignments with anyone you wish. However, the assignments you turn in must be your own work and must reflect your own understanding of the material. When you do your assignment, you should NEVER look at another student's final work. You could work together on the board, but you should never see their final paper or online homework webpage.

Course Prerequisites: In order to take MAT123, you must have either

- Passed [MAP103](#) with a grade of C or better, or
- Received a score of level 3 or better on the math placement exam.

Course Website: The course website will be used for things like

- Hosting Syllabus, Schedule, and other course organizational documents
- Providing additional learning resources
- <https://sites.google.com/view/2018spring-mat123/course-schedule>

Your Grade:

A = 92.5 – 100, A- = 90 – 92.4, B+ = 87.5 – 89.9, B = 82.5 – 87.4, B- = 80 – 82.4, so on.

0% = Attendance & Participation – Please see university policy. The [December 2016 version is here](#). It will be your responsibility to ensure it is the most up to date.

12% = Problem Solving Homework – These will be assigned online using WebAssign. You will be expected to complete the assignment based on the deadline shown on the website. You should be prepared to solve similar problems on quizzes and exams, where you *may* use a cheat sheet.

You may want to practice writing out your answers, as quizzes and exams will be hand written
8% = Writing Homework – Each unit you will be asked to perform a reflective writing on your progress in the course. These writing will include solutions to practice problems based on your challenge points. Please discuss with me early to help you select practice problems.

15% = Quizzes – Quizzes will be given over most units. Missing one quiz will drop your letter grade by 1. If you need to make alternate arrangements for the quiz, please let me know at least by the previous class period. *Missing a quiz will result in a loss of letter grade.*

17% X 2 = Midterm 1 & Midterm 2 – In-class exams. These exams will take 1 class period and will test your ability to think about problems.

31% = Final – Final exam will be administered during the allotted time for finals schedule.

Quizzes and midterms will have makeup opportunities where 50% of the missed credit can be recovered – these will be held during office hours of the TA and professor.

Additional Notes on Grading – One lowest grade for quizzes, writing homework, and problem sets will be dropped. However, any zeroes for not turning in an assignment or not showing up for a quiz will not be dropped.

Late Assignment Policy: All assignments are due by the original deadline. No late HW will be accepted.

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.

<https://web.stonybrook.edu/newfaculty/StudentResources/Pages/DisabilitySupportServices.aspx>.

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 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/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 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.