

PreCalc/Calc 453

2024-2025

Teacher: Christopher Menick

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Course Description: This course continues to build a foundation in precalculus and examines the basic concepts and applications of calculus. Topics include functions, limits, modeling of real-world situations, derivatives and their applications, and an introduction to anti-differentiation. The major concepts in this course are applied mainly to polynomial functions and some rational and square root functions.

Materials: 3-ring loose leaf binder or spiral notebook/folder, Pens/pencils, Scientific Calculator (TI 30X-IIS or Casio FX-300MS recommended)

Textbook: *Calculus I with Precalculus – A One-Year Course*, Larson, Hostetler and Edwards

Google Classroom: We will use Google Classroom in this course for daily posted notes, homework assignments, and announcements.

Assistance: I am available for extra help (Room 399) during office hours which are posted on Google Classroom. These times are also posted on my teacher page on our school website. If you would like to see me for extra help, please email me to set up a meeting. Also, you may see Ms. Landau in the Math Center (Room 217) who can provide coursework assistance. Her schedule will be made available to you.

Homework Assignments: Homework will be assigned every class and generally due the following day. You will receive a grade for each homework based on completeness and effort. Occasionally, homeworks may be collected. Understanding and completing **all** of the assigned homework problems is crucial to your success in this course.

Exams: Assessments will be administered regularly throughout the quarter. We will usually have 3 full period tests per quarter announced about a week in advance. Quizzes are shorter in length and may also be announced in advance. A final exam will be administered at the conclusion of the course.

Absences: Attendance is vital for success. If you are absent from class, you should consult our Google Classroom page to find posted notes for that day's lesson and homework. If absent the day of a test or quiz, you will be required to make it up the day you return unless other arrangements have been made.

Academic Integrity: For this class, you are expected to present your own honest work on all exams, quizzes, and homeworks. Please review your student handbook for important information regarding the grading system and academic integrity.

Grading: Your quarter grade will be determined as follows:

Tests/Quizzes – 85%

Homework – 15%

Other Expectations:

Students are expected to adhere to the additional policies listed below.

- Please be on time to every class.
- Please follow all instructions and school protocols while in the classroom. Your cell phone must be put away in your assigned phone holder.
- Be respectful with your classmates.
- Come to class prepared and with an eagerness to learn.
- Assessment Rescheduling Policy: If you have 3 or more tests scheduled for the same day, you may ask the teacher of the last assessment announced to reschedule that assessment. If this is the case, please speak with me in advance so arrangements can be made.
- Try your best and have fun, as math can be a very rewarding subject.