

Syllabus for MATH-001, Pre-Calculus, Summer 2021

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Textbook: Lippman and Rasmussen, *Precalculus: An Investigation of Functions*, 2nd edition. This textbook will be freely accessible on Canvas. It is also available to read free online at

<http://www.opentextbookstore.com/precalc/>

Course overview: This course is designed to assist students whose high school mathematics background is insufficient for the standard first-year mathematics courses. It is primarily intended as a preparation for MATH-035. Topics include: algebraic operations, factoring, exponents and logarithms, polynomials, rational functions, trigonometric functions, and the logarithmic and exponential functions. Graphing and word problems will be stressed. This course is not intended to complete the math/science requirement in the College.

Homework: A homework assignment will be given over each section after it is covered in lecture. The assignments are accessible via Canvas. The assignments will be collected and graded. You are allowed and even encouraged to discuss the assignments with each other, but the work that you hand in must be your own.

Exams: We will have a midterm exam and a final exam. The midterm is scheduled for Tuesday, July 27 during regular class time. The final exam is scheduled for Thursday, August 13 during regular class time.

Grading scheme: Your homework average constitutes 25% of your overall course average. The midterm exam is worth 35%, and the final is worth 40%.

	93-100:A	88-92: A-	84-87: B+	80-83: B
Grading Scale:	76-79: B-	72-75: C+	68-71: C	64-67: C-
	60-63: D+	56-59: D	0-55: F	

No rounding.