

# Precalculus 12 Course Outline

## TEACHER

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## SCHOOL PHONE

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## CLASS LOCATION

C005

## COURSE OVERVIEW

Pre-Calculus 12 is an advanced mathematics course designed to provide students with a comprehensive understanding of key mathematical concepts and prepare them for higher-level mathematics and scientific disciplines. Through rigorous problem-solving exercises, critical thinking tasks, and real-world applications, students will develop the analytical and mathematical skills necessary to excel in future academic pursuits. This course is very fast paced, each day will be the equivalent of 3 normal school days. It is recommended that students are registered for only 1 course during the summer.

## REQUIRED MATERIALS

Pencils  
Erasers  
Scientific Calculators  
Lined and Graph Paper

## RESOURCES

Work packages will be provided

## COURSE TOPICS

UNIT	SUBJECT
1	Prerequisite Knowledge
2	Function Fundamentals
3	Polynomial Functions
4	Exp and Log Functions
5	Trig Functions
6	Trig Identities
7	Sequences and Series
8	Probability

## HOMEWORK POLICY

It is expected that homework practice is done daily. There will be solutions available on teams. Homework is meant to be practiced and not for marks. However, to be successful in the course completing all practice exercises is necessary.

## **TEST/QUIZ POLICY**

Tests take place the day following the completion of the unit  
Expect around one to two quizzes in each unit  
Missed quizzes must be completed on the day you return to class.

## **IMPORTANT DATES**

Refer to the School Calendar for deadlines.

## **MARKS BREAKDOWN**

Quizzes	20%
Tests	50%
Final Exam*	30%

\*Students who get less than 30% on the final exam can at most receive 60% in the course

## **CONTACT POLICY**

For Parents, please reach out by email.  
For Students, please reach out by Teams.

Depending on the time of the message, responses may be the next day.