

Pre-Calculus Course Syllabus

Course Description

This Pre-Calculus course is designed for students to prepare them for college-level mathematics. The course covers various mathematical concepts and their applications, focusing on functions, graphs, and problem-solving skills.

Course Objectives

- Functions and Their Graphs
- Systems of Equations and Matrices
- Polynomial and Rational Functions
- Exponential and Logarithmic Functions
- Trigonometric Functions
- Polar and Parametric Functions
- Vectors
- Conic Sections

Required Materials

- Positive Attitude
- Pencils
- Homework
- 1-inch Binder or Folder
- Composition Book

Grading Policy

- **Daily Assignments (Homework, Quiz, Participation): 40%**
- **Tests (Summative Assessment, Benchmarks, Projects): 60%**
- All assignments are due on **Tuesday** of the following week unless otherwise stated.
- Late assignments will incur a **Detention** or **Friday Night Live Assignment**, and a zero will be recorded in the grade book.
- Students have until the **Friday** after the due date to submit missing work.
- Assignments not submitted by the following **Friday** will remain a zero in the gradebook.
- Corrections can be made to any daily or test assignment before the end of the **3-week grading period**.

Class Policies and Expectations

- **NO PERSONAL ELECTRONICS** are allowed (cell phones, smart watches, personal laptops/tablets, headphones/Air Pods).
 - Items seen will be confiscated and sent to the office.
- **Expectations:**
 - **Work Hard**
 - **Be Kind**
 - **Respect Yourself, Each Other, and the Classroom**
 - **Participate**

Meet Your Teacher

Welcome! I am excited to begin my 21st year of teaching and my 19th year at Frankston. As a proud Frankston Alumni, I graduated from Stephen F. Austin in 2005 with a Bachelor's Degree in Interdisciplinary Skills. I have taught all levels of math except Geometry. I have 4 children (2 still attend Frankston), 3 stepchildren, and 1 new granddaughter.

This syllabus aims to provide clarity on the course structure, expectations, and grading policy. Please review it carefully and feel free to reach out with any questions. Let's have a successful year in math!