

Course: Pre-Calculus 1-2		Course # 4161
Credits: 1	Commitment: Year course	Grade: 11-12
A-G Category: meets "C" requirement	Estimated Homework Time: 45 min per day	
Level of Difficulty:	Moderate ☒ Difficult	Very Difficult
Recommended Prerequisite: "A/B" grade in Integrated Math III, or "A/B/C" in AIM III and 70% on end of year readiness exam (if available)		

Course Description:

This college preparatory course includes two semesters of integrated concepts of trigonometry and advanced algebra. Students will explore functions by using a graphing calculator and will work cooperatively to solve non-traditional problems.

Recommended Skills:

- different strategies to factor a polynomial function with degree higher than three
- use various strategies to find the zeros of a polynomial function
- add, subtract, multiply and divide fractions
- graphing various types of functions
- good knowledge of unit circle and trig functions
- solving quadratic equations
- solving a triangle

Syllabus link: