Course: Advanced Integrated Math III A,B (AIM III)		Course # 4169
Credits: 1 credit each semester, 2 credits total for the year	Commitment: Year course	Grade: 10-11
A-G Category: meets "C" requirement	Estimated Homework Time: 30 min per day	
Level of Difficulty: Moderate	☒ Difficult Very Difficult	
Prerequisite: Completion of IM2 or AIM2 Recommended Prerequisites: Test average of "B" grade or better in Advanced Integrated Math II and 70% on the end of year readiness exam (if available), or Test average of "A" in Integrated Math II, with teacher recommendation and 70% on the end of year readiness exam (if available).		

Course Description:
Integrated Math 3 is the third course in a three-year sequence integrating the ideas of geometry, algebra, and basic statistics to provide a firm foundation for success in college-level mathematics courses. Aligned to the California Common Core State Standards for mathematics, this course focuses on rational, polynomial, exponential and logarithmic functions, as well as sequences and series, and statistical inference. Students in this course will study trigonometric functions in great depth. Completion of the Integrated Math sequence with a C grade or higher should find a student well-prepared to enter a Pre-Calculus course.

* Additional topics will be added to better prepare students for the next Advanced course.

Recommended Skills:
-    write an explicit and recursive rule for linear and quadratic functions
-    using different techniques to factor an expression
-    solving a quadratic equation by factoring and using quadratic formula
-    add, subtract, multiply and divide fractions

Syllabus link: