



BISHOP NOLL INSTITUTE

Established 1921

PREPARING STUDENTS MIND, BODY & SOUL

2017-2018 Precalculus

Course Syllabus

Instructor: Chris Diehl, cdiehl@bishopnoll.org

A. Course Description

This course is designed to cover topics in Algebra ranging from polynomial, rational, and exponential functions to conic sections. Trigonometry concepts such as Law of Sines and Cosines will be introduced. Students will then begin analytic geometry and calculus concepts such as limits, derivatives, and integrals. This class is important for any student planning to take a college algebra or college pre-calculus class.

B. Course Topics

- Functions and Graphs of Functions
- Analytic Trigonometry and Applications of trigonometry
- Systems and Matrices

C. Textbook and Required Supplies

Text: *Precalculus Graphical, Numerical, Algebraic*, Pearson

Required Supplies: **Graphing Calculator (TI-83 Plus, TI-84 Plus, TI-84 Plus CE)**, graph paper

D. Grading

Semester: 40% 1st quarter, 40% 2nd quarter, 20% Final Exam

Quarter: 25% Homework, 15% Quizzes, 60% Tests

E. Classroom and School Guidelines

Refer to the Student Handbook

F. Absent and Late work

If absent, you will have the number of days missed to complete assignments. For example, if you miss 3 days of school you have 3 days after you return to finish all assignments.

If you are not absent or have legitimate reasoning, late work will not be accepted.