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| **Trig/Pre-Calc**  **COURSE SYLLABUS** 2016-17 INSTRUCTOR: Mr. Meyers  Classroom: Jr High Wing, Room 3  E-mail: [gmeyers@elmwood322.com](mailto:gmeyers@elmwood322.com)  Website: <http://meyerselmwoodmath.weebly.com/>  Class hours: 4B |  |
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| **A. DESCRIPTION**  Trig/Pre-Calc is an advanced math class and is a weighted class. The class covers Trigonometric concepts and other mathematical concepts that will help students prepare for Calculus. Because it is a weighted class students will be expected to have homework done on time, contribute in class, and be prepared for all tests and quizzes. |  |
| **B. Course Topics**  **1st Semester:** The 1st semester covers chapters 5 -7 in the Advanced Mathematical Concepts text book. Chapter 5 deals with basic trig functions as well as the Law of Sines and the Law of Cosines. Chapter 6 deals with graphing trigonometric functions and their inverses. Chapter 7 covers Trigonometric Identities and equations.  **2nd Semester:** The 2nd semester covers chapter 9 and chapters 1-4. Chapter 9 covers Polar Coordinates and Complex Numbers. Chapters 1-4 deal with linear relations and functions, systems of equations and inequalities, and Polynomial and Rational Functions. |  |
| **C. GRADING**   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **Homework:** Students will be given homework assignments in each chapter and those assignments will be graded and awarded points. Homework typically ranges from 8-20 points. Students may make corrections on the homework for full credit up until the time of the chapter test. Once the chapter test is given homework will not be accepted from that chapter.  **Tests, Projects, and Quizzes:** Will be given in class during and at the end of each chapter. Tests, projects and quizzes will typically range from 25 – 100 points. No corrections or retakes on tests or quizzes. |  |  |  |  |  |  |  | |  |
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