

BISHOP GUILFOYLE CATHOLIC HIGH SCHOOL

**Course Title:** Algebra I

**Teacher:** Mr. Gerry Cooper

**Brief description of course:** This course is designed to teach standard topics of Algebra I that include adding, subtracting, multiplying and dividing real numbers, performing the order of operations, solving equations, solving inequalities, writing functions, identifying linear functions, graphing linear equations, solving systems of equations by substitution and elimination, performing properties of exponents, adding and multiplying polynomials, factoring trinomials, adding, subtracting, multiplying and dividing radical expressions, and adding, subtracting, multiplying, and dividing rational expressions.

**Administering course requirements:** Homework will be checked for completion daily and there will be graded homework assignments. Quizzes will be announced and will be given periodically. Writing assignments will be given appropriate to the topics covered during the nine week period. Tests will be given with an average of three tests per quarter.

**Evaluation of progress;** Homework, quizzes, class participation, writing assignments, and tests.

**Books\Materials:** Burger, Edward B. (2007). Holt Algebra I. Orlando, Florida: Holt, Rinehart and Winston.