

TRANSITION TO COLLEGE MATH 2011-12 SCHOOL YEAR

COURSE DESCRIPTION: This course is designed for students who would like to review algebra and geometry concepts before going onto college mathematics. The text presents these concepts in a manner which allows students to see the relationships in both a numerical and graphical approach.

EXPECTATIONS:

- 1) Be on time and prepared for learning (best you can be)
- 2) Complete assigned work on-time
- 3) Demonstrate academic proficiency
- 4) Use work time appropriately
- 5) Demonstrate respect for people and school property
- 6) Respond appropriately to staff member directives

SEMESTER #1:

- I. Chapter 1: Numerical Math with the Calculator
A. Lessons 1.1 thru 1.8---12 days
- II. Chapter 2: Computing with Fractions & Decimals
A. Lessons 2.1 thru 2.9---13 days
- III. Chapter 3: Using Exponents & Scientific Notation
A. Lessons 3.1 thru 3.10---14 days
- IV. Chapter 4: Using Graphs to Solve Problems
A. Lessons 4.1 thru 4.6---12 days
- V. Chapter 5: Linear Equations in One Variable
A. Lessons 5.1 thru 5.8---12 days
- VI. Chapter 6: Graphing Equations in Two variables
A. Lessons 6.1 thru 6.7---12 days
- VII. SEMESTER REVIEW & TEST

SEMESTER #2:

- I. Chapter 7: Linear Equations in Two Variables & Graphs
A. Lessons 7.1 thru 7.8---14 days
- II. Chapter 8: Polynomial Arithmetic & Factoring
A. Lessons 8.1 thru 8.8---15 days
- III. Chapter 9: Quadratic Equations & Inequalities
A. Lessons 9.1 thru 9.9---15 days
- IV. Chapter 10: Rational Expressions & Fractional Equations
A. Lessons 10.1 thru 10.8---14 days
- V. Chapter 11: Geometry & Trigonometry
A. Lessons 11.1 thru 11.10---18 days
- VI. SEMESTER REVIEW & TEST

Author: DEMANA **Publisher:** ADDISON-WESELY (2001)

Instructor: Mr. Watton **Phone #:** 443-4332 Ext. 3201

E-mail: mwatton@esu2.org