Math Models Syllabus

Target Students: Students who are not ready for Algebra 2 or a student wanting to take another math class, but not a higher level math class.

Pre-requisite: Student must have passed Algebra 1 and Geometry and passed the Algebra 1 EOC.

During the first semester of Math Models the following units will be covered:

Unit 1 Algebraic Models in Science, Engineering, and Social Sciences

Unit 2 Geometric Relationships in Architecture and Engineering

Unit 3 Shape and Size in Architecture and Engineering

Unit 4 Application of Algebra and Geometry in Art

Unit 5 Applications of Algebra and Geometry in Music

Unit 6 Management of Personal Finances

Unit 7 Savings, Investments, and Insurance

Unit 8 Loans and Payments

Unit 9 Probability

Unit 10 Statistics

Unit 11 Research and Marketing

Unit 12 Data Collection.