

## ANTHONY COPPIN SPECIFICS—

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#### ALGEBRA 2

*Time: 4th Period, 1:30-3pm*

#### Description:

Algebra 2 extends the concepts of algebra 1 into trigonometry in preparation for precalculus. Students will perform assigned homework and take quizzes and exams to evaluate progress. The use of a calculator is allowed in class. Cooperative learning is utilized to enhance learning. An online grade book will be provided to keep students and parents informed of progress. The Socratic Method is used in class to lead students in understanding.

Prerequisite for this course is completion of algebra 1. Topics include the following: review of algebra 1, Pythagorean theorem, polynomials, factoring polynomials, solving fractional equations, motion problems, unit multipliers, trig functions, solving radical equations, chemical problems, vectors, complex numbers, solving systems of equations, variations, graphs of parabolas, logarithms, circles, sets.

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#### Required text:

Saxon Algebra 2, 2nd ed. • ISBN: 1-56577-140-0

Purchase used copies if possible.

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#### Class Fees and Payment Options:

Materials fee \$45

Monthly fee: \$60

#### Instructor Contact Information:

Anthony Coppin

#### Phone:

210-788-1068

#### Email:

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