

# Algebraic Connections

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## Course Overview

Algebraic Connections is a course designed for students who wish to increase their mathematical knowledge and skills prior to enrollment in the Algebra II course or the Algebra II With Trigonometry course. Algebraic Connections expands upon the concepts of Algebra I and Geometry, with an emphasis on application-based problems. This course provides opportunities to incorporate the use of technology through its emphasis on applying functions to make predictions and to calculate outcomes. The prerequisites for Algebraic Connections are Algebra I and Geometry.

## Course Planner

*Will be given at Orientation*

## Student Evaluation

Quarter grades are determined using the following categories:

- Homework (15 percent)
- Quizzes (25 percent)
- Test (60 percent)

Homework will be checked for completion and accuracy. Homework is to be taken seriously. Each quiz score is determined based on the number of problems and evaluates student's homework habits. Test will mostly be response based questions with a few multiple choice questions.

## Classroom Materials

Students will need the following items for this class:

- 3 Ring Binder
- Pencils & Red Pens
- Loose Leaf Paper & Graphing Paper

## Calculator

Graphing Calculators are not allowed in this class. Standard calculators may be used but only with teacher permission. The teacher holds the right to determine if a calculator will be allowed on any quiz/test. TI-30

## Resources

### *Primary Textbook*

*Thinking Mathematically*, Pearson

## Credit

One-half credit will be awarded for each successfully completed semester.

## Tuition and Fees

Tuition is \$450 per year for the course, payable in cash only. Payments may be made annually, semi-annually, or monthly. See contract for details.

