

**COURSE TITLE:** Algebra 1 Honors

Level of Difficulty	Estimated Homework	Prerequisites
Difficult	30-60 minutes	<b>District:</b> A in Math 8 CP (all three trimesters/both semesters) <b>Department Suggestion:</b> A in Math 8 CP (all three trimesters/both semesters)

**Course Description:**

This course is one of the courses offered in the honors mathematics sequence. Topics include: understanding, writing, solving, and graphing linear and quadratic equations and inequalities; systems of linear equations or inequalities in two and in three variables; operations on polynomial and rational expressions; power and piecewise functions; and exponential functions—all at an honors level, which means, for example, that students are expected to combine concepts to solve problems.

**Grading:**

Tests/Quizzes/Final: 85%  
Homework/Classwork: 15%

**Syllabus:**

Check individual teacher websites

**Supplemental Information:**

Sample problem from Algebra 1 CP: factor  $6x^2 + 13x - 5$

Sample problem from Algebra 1 H: factor  $-18x^2 - 39xy + 15y^2$