

Math Solutions for Teachers: Algebra 1 and Beyond

Course Description

The mathematical processes of problem solving, reasoning, and proof, communication, connections, and representations are essential to the teaching and learning of mathematics that prepare students for success in and outside the classroom. Through a content focus of algebra, geometry, measurement and data analysis, and probability, course experiences model the environment and teaching strategies required to support student learning.

As a participant, you will:

- Apply your math content knowledge through a variety of activities and experiences.
- Learn how to use engaging and thought-provoking tasks in math instruction.
- Help students enjoy math as they increase their understanding and confidence.

You'll leave this course with a broadened understanding of the process standards, of some of the mathematics taught in Algebra I and beyond, as well as a wealth of teaching strategies and activities to use with your students.

"As a math teacher, this was the best professional development that I had ever participated in. This course changed my thinking about the way students learn and make sense of mathematics. I was able to use what I learned in every course I taught from grade 7 through Calculus, and continue to share those resources with other teachers nearly 10 years later."

Kristi Otten

A High AIMS Mathematics Curriculum Leader, grades 7-12

Course Details

Math Solutions for Teachers: Algebra 1 and Beyond

Date: August 2–6, 2010

Time: 8:30 A.M.—3:45 P.M.

Enrollment includes:

- A Math Solutions resource book full of classroom-tested lessons
- A subscription to our online newsletter
- Discounts on Math Solutions books and resources

Host: High AIMS Consortium

Location: Monroe Senior High School
220 Yankee Road
Monroe, OH 45050
Phone: 513.539.8471

Credit: Two graduate semester hours from Ashland University will be offered for this course at a cost of \$430.

Fee: \$500 per participant

Register by: April 1, 2010

Registration

Return this form to your district's Curriculum Director or Assistant Superintendent, who will contact **Susan Brown** at High AIMS to coordinate your registration.



Math Solutions for Teachers: Algebra 1 and Beyond

Name of Participant

Home Address

City

State

ZIP

Daytime Telephone

Home Telephone

Email

School

District

Title

Grade Level