

RICE UNIVERSITY
School Mathematics Project

PROGRAM
ANNOUNCEMENT
Fall Semester 2006



**Advanced Topics in Mathematics for Middle and Senior High
School Mathematics Teachers**

Mondays, September 11, 2006 - December 11, 2006
5:00 p.m. - 7:30 p.m. at Rice University

This course is designed for middle school or high school mathematics teachers who are seeking a strong foundation in advanced mathematics topics through a conceptual approach. The primary focus of the course is the development of a catalogue of functions with an emphasis on multiple representations and applications. Technology and mathematical modeling will be used throughout the course.

Concepts include:

- Properties of functions
- Transformations of functions
- Inverses of functions
- Exponential functions
- Logarithmic functions
- Rational functions
- Trigonometric functions

Each teacher will receive course materials, Gifted and Talented credit, and professional development credit.

Enrollment is limited.

For further information contact:

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