

RICE UNIVERSITY
School Mathematics Project



PROGRAM ANNOUNCEMENT
Fall of Academic Year 2001-2002
Education 595: Topics in Contemporary Algebra for Teachers

Rice University graduate credit (3 hours)

Every Tuesday, September 11th through December 11th, 2001

5:00 p.m.-7:30 p.m. at Aldine High School

Teaching beginning algebra with an emphasis on mathematical models and representations, variables and functions, symbolic reasoning, and TEKS, Aldine ISD Benchmark Targets, TAKS, and End-of-Course Algebra I Examination preparation.

- Foundation concepts for secondary mathematics
- Algebraic thinking and symbolic reasoning
- Function concepts
- Tools for algebraic thinking
- Connections to geometry
- Use of manipulatives and technology
- Curriculum development using RUSMP's *Learning Plan*
- Assessment strategies
- TEXTEAMS Algebra I:2000 and Beyond certification

This course is designed for Algebra I teachers. Enrollment is limited.

For further information & applications, contact:

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