

RICE UNIVERSITY
School Mathematics Project

PROGRAM ANNOUNCEMENT

Spring Semester, 1997

Education 595: Topics in Contemporary Algebra for Teachers

Rice University graduate credit (3 hours)

(Tuesdays, 4:30 p.m.-7:30 p.m. at the Houston Independent School District's

Weslayan Building, 3233 Weslayan; beginning January 28, 1997)

Teaching beginning algebra with an emphasis on mathematical models and representations, variables and functions, symbolic reasoning rather than symbolic manipulation, and TEKS, TAAS, and End-of-Course Algebra 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
- TEXTTEAM Algebra certification

This course is designed for Algebra I teachers. HISD will pay tuition, fees, and books for the course. Participants pay \$100 registration which is refunded upon successful completion of the course. Enrollment is limited.

For further information & applications, contact:

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