

**RICE UNIVERSITY**  
**School Mathematics Project**



**PROGRAM ANNOUNCEMENT**  
**Fall & Spring Academic Year 2000-2001**  
**Education 595: Topics in Contemporary Algebra for Teachers**

Rice University graduate credit (3 hours)

Alternate Wednesdays throughout the school year, 5:00 p.m.-8:00 p.m. in the RUSMP classroom beginning August 30, 2000

Teaching beginning algebra with an emphasis on mathematical models and representations, variables and functions, symbolic reasoning, and TEKS, TAAS, 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 certification

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

For further information & applications, contact:

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