

RICE UNIVERSITY
School Mathematics Project



RICE

PROGRAM ANNOUNCEMENT

Fall Semester, 1997

Education 585: Contemporary Topics in Middle School Mathematics

Rice University graduate credit (3 hours)

Tuesdays, 4:30 p.m.-7:30 p.m. at The Rice School/La Escuela Rice

beginning September 23, 1997

Teaching middle school mathematics to provide students with a foundation for future studies in mathematics and to challenge and motivate students.

- Foundation concepts for middle and high school mathematics
- Tools for problem solving
- Algebraic thinking and symbolic reasoning
- Geometric thinking and informal proof
- Function concepts on an exploratory level
- Use of manipulatives and technology
- Planning of learning activities that emphasize conceptual understanding

This course is designed for middle school mathematics teachers. Enrollment is limited.

For further information & applications, contact:

Dr. Anne Papakonstantinou, Executive Director

Rice University School Mathematics Project

(713) 527-6076

