

COURSE NUMBER: EDUC. 475-04

COURSE NAME: Designs For Learning: Mathematics  
(Elementary)

SEMESTER: Intersession 1978 ..

#### CALENDAR DESCRIPTION

Planning for learning; creating learning environments; developing teaching strategies and materials.

#### COURSE INFORMATION

Instructor: Prof J. Trivett      Time: Tuesday & Friday 12.30 - 16:20  
May 9th - June 22nd      - AQ 5025

This course is for Professional Development Program students who expect to teach mathematics from K through 9th grade.

Main concerns will include a study of topics essential to any elementary and junior secondary mathematics programme and how to communicate these best to children with relevancy and joy.

The 1977 Curriculum guide states:

"Before any formal mathematics can be understood, there must be a wealth of manipulative experiences through which concepts and relations are understood at an intuitive level. Mathematics as a discipline, as a formal structure, must be built upon a sound foundation of concrete experience."

We shall approach the task through the 'subordination of teaching to learning' using the powers and gifts which all participants bring to every lesson. That guarantees much growth and the acquisition of changed attitudes which many of us may not have previously experienced!

Students will be expected to be involved in the discussions and activities, working on an agreed project relevant to their own needs, strengths and weaknesses and what they intend to teach in school. Sessions will be held with elementary school children.

For further details contact Prof. Trivett (291-3166 or 922-6683).

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