

COURSE NUMBER: EDUC. 475-04  
COURSE NAME: Designs for Learning: Mathematics  
SEMESTER: 1975 Spring

CALENDAR DESCRIPTION

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

COURSE INFORMATION

<u>Instructor</u>	<u>Dates</u>	<u>Day (s)</u>	<u>Time (s)</u>
J. V. Trivett	Jan. 6 - Apr. 4	R	4:30-8:30 p.m.

Range of Topics

The course is designed for teachers and prospective teachers of elementary and junior secondary school mathematics. The focus of the course will be on at least the following:

- use and selection of material aids in the teaching of mathematics
- humanizing the teaching of mathematics by utilizing the powers of children.

Each student will be expected to complete a term project and other such assignments as are agreed upon among the participants.

Topic-wise an intensive and extensive study will be made of these among others:

- number concepts
- operations (algebraic and arithmetic)
- fractions
- geometry
- equations
- relations

Recommended Reading

B.C. Curriculum Guides for Mathematics - Grades K - 6  
What we owe Children - C. Gattegno  
The common sense growth. Teaching - C. Gattegno  
Freedom to Learn - Biggs and MacLean

Requirements

Games Children Play for Learning Math - J.V. Trivett

For further information please contact J. Trivett at 291-3166 or 922-6683(home)