

EDUCATION 475-4

DESIGNS FOR LEARNING--MATHEMATICS

JAN.--APRIL 1977

--Instructor: Gordon Turner

This course will focus on an analysis of the mathematics curriculum in grades K-8. Attention will be given to an understanding of the basic concepts of the "re-called" row mathematics, as well as instructional procedures for learning beginning with the whole numbers and their operations and concluding with geometry topics in the elementary school. Some attempt will be made to look at basic texts and newly-developed materials for the classroom. Three good lecturers will be utilized.

TEXTS:

Investigating School Mathematics

Month Elementary Mathematics

School Mathematics, I, II

Project Mathematics

Contemporary Mathematics, I, II

(as available)

REFERENCE:

D'Augustine. Multiple Methods of Teaching Mathematics in the Elementary School.

REQUIREMENTS:

- participation in all phases of the course
- individual presentations
- final examination