

# EDUCATION 475-4

## DESIGNS FOR LEARNING: MATHEMATICS

### Elementary

This course is intended for teachers who already teach in the elementary grades as well as prospective teachers. It covers a wide range of issues concerning the teaching of mathematics to young children related to the changes in the curriculum for British Columbia. The five main units are entitled: Mathematics in Elementary Classrooms, Numbers, Measurement and Data Analysis, Geometry, and the Mathematics Curriculum.

**PREREQUISITE:** EDUC 401/402.

**REQUIRED TEXT:**

*Mathematics IRP K-7.* Ministry of Education, B. C., 1995.

(available from the Internet at  
<http://www.bced.gov.bc.ca/irp/mathk7/mathtoc.htm>)

**PLEASE NOTE:** Access to a VCR is required.

**COURSE REQUIREMENTS:**

There will be 5 assignments worth 18% each, and a portfolio worth 10%. Please note that some assignments will require working with children. Students who do not have their own classrooms must make arrangements to have access to a small number of children (perhaps 3 or 4) of the appropriate age group.

**SUPPLEMENTARY FEES:**

Course Materials & Service Fee	\$30
Deposit for Additional Materials	\$65