

## SUMMER SEMESTER 2004 COURSE OUTLINE

## EDUC 475-4 (EDUCATION)

## DESIGNS FOR LEARNING: ELEMENTARY MATHEMATICS

C01.00

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. Students who have credit for EDUC 475 prior to 2001-2 semester cannot take EDUC 475 for further credit.

## TEXT(S):

*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>)

|                      |              |     |
|----------------------|--------------|-----|
| <b>REQUIREMENTS:</b> | Assignment 1 | 15% |
|                      | Assignment 2 | 15% |
|                      | Assignment 3 | 15% |
|                      | Assignment 4 | 15% |
|                      | Assignment 5 | 15% |
|                      | Portfolio    | 10% |
|                      | Journal      | 15% |

## REQUIREMENTS NOTE:

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.









**Students requiring accommodations as a result of a disability, must contact the Centre for Students with Disabilities (604-291-3112 or [csdo@sfu.ca](mailto:csdo@sfu.ca)).**

**DELIVERY MODE:** print

## MODE OF DELIVERY NOTE:

|                            |                                  |         |
|----------------------------|----------------------------------|---------|
| <b>SUPPLEMENTARY FEES:</b> | Course materials and service fee | \$40.00 |
|                            | Deposit for additional materials | \$70.00 |

If one or more of these symbols appear at the top of this page, it indicates an equipment requirement :

- |  |   |  |
|--|---|--|
|  computer (see over) |  CD player             |  TV (Knowledge Network)     |
|  internet access     |  Audio cassette player |  telephone (teleconference) |
|  email               |  VCR                   |  |

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 Website: [www.sfu.ca/cde](http://www.sfu.ca/cde)