

CENTRE FOR ONLINE AND DISTANCE EDUCATION

SIMON FRASER UNIVERSITY

Summer SEMESTER 2009 COURSE OUTLINE**EDUC 475-4 (EDUCATION)
DESIGNS FOR LEARNING: ELEMENTARY MATHEMATICS
C100**

EDUC 475 is for prospective and practising elementary school teachers. It covers a wide range of concepts concerning the teaching of mathematics to young children related to changes to the BC curriculum. Topics include foundations (what it means to understand math, what it means to do math, and the reform movement), basic concepts (early number concepts, place value, basic operations, whole-number computations, basic number sense and estimation, measurement concepts, geometric concepts, and probability and data analysis) and practice (technology, problem solving, assessment, inclusion and diversity, and planning).

PREREQUISITES: EDUC 401/402. Students who have credit for EDUC 475 prior to 2001-2 semester must not take EDUC 475 for further credit. Quantitative.

TEXT(S):

Van de Walle, J., and Folk, S. (2008). *Elementary and Middle School Mathematics: Teaching Developmentally*. (Second Canadian Edition). Pearson (Allyn & Bacon).

REQUIREMENTS:	Assignment 1	10%
	Assignment 2	15%
	Assignment 3	15%
	Assignment 4	20%
	Portfolio	15%
	Journal	15%
	Online discussions	10%

REQUIREMENTS: Failure to submit any of the assignments, the journal, or the portfolio could result in automatic failure of the course. 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 accommodation as a result of a disability, must contact the Centre for Students with Disabilities (778-782-3112 or csdo@sfu.ca).

DELIVERY MODE:

FirstClass Computer Conferencing

(To view the computer requirements for this course go to www.sfu.ca/code, click on "CODE

Courses/Outlines," click on the department name, click on the course outline link, and then click on the "computer requirements" link.)

MODE OF**DELIVERY**

n/a

NOTE:

SUPPLEMENTARY FEES:	Course materials and service fee	\$40.00
	Deposit for additional materials	\$0.00

Note: Every distance course includes a CODE package containing assignment deadlines and other information. Please pick it up at the Centre or ask that it be mailed when registering on goSFU.

1300 West Mall Centre
Web: www.sfu.ca/code
Last updated: 2/11/2009

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