SIMON FRASER UNIVERSITY

EDUCATION 475-4

DESIGNS FOR LEARNING: MATHEMATICS
(D1.00)
(Cat. # 41654)

Fall Semester, 1992   Instructor: Kanwal Neel
(September 8–December 4)   Phone: 272-0672
Friday and Saturday
Location: Prince George
                (NEWCALTEC)

PREREQUISITE: EDUC 401/402

COURSE DESCRIPTION

Elementary mathematics can be stimulating for both teacher and student.
Elementary mathematics curriculum will be presented through a variety of
strategies and activities to promote interest and growth in the subject and
reduce anxiety. A problem solving focus will be emphasized throughout the
course.

Topics that will be covered:

- Problem Solving
- Curriculum Guides and Resources
- Strategies and Activities
- Number and Number Operations
- Estimation and Mental Computations
- Measurement
- Calculators and Computers
- Data Analysis
- Geometry
- Historical Topics and Algebra
- NCTM Standards

EVALUATIONS

Due dates and details will be discussed during the first session. Evaluation
will be based on the following:

- Attendance and participation
- Completion and presentation of unit plan with an activity
- One review of textbook or software

TEXTBOOK

Articles will be distributed in class