

# SIMON FRASER UNIVERSITY

Faculty of Education --- Intersession 1979

Ed. 475-04 Designs for Teaching Mathematics - SECONDARY

Instructor: John V. Trivett  
Place: MPX 8620A  
Times: Tuesdays and Fridays, 8.30 a.m. - 12.30 p.m.  
Dates: First meeting, Tuesday May 8th.

This course welcomes students of PDP who intend teaching Mathematics in secondary schools or who may be asked to teach some lessons in the subject though hired for some other priority. There may also be some students aiming at the upper grades of elementary schools who will find relevance in the course.

The text from which we shall work is the mimeographed version of the Instructor's book, ... AND SO ON, with numbers, available at the first meeting, price \$2. There will be other readings with a list provided.

Participants will be expected to be well involved in the 'hands on' activities, in the discussions, readings, homeworks, in a journal, all included in a study of important problems in the learning and teaching of school mathematics. Ahead of the course I do not prescribe exactly 'what is required' for this depends so much on the people who come, on particular needs and wishes, on the gifts, strengths and weaknesses that individuals bring with them.

Please remember that grades have to be given, although we shall discuss the form for everyone's final assessment.

Some written work will be expected. Also some thoughts, readings and reflections between classes.

The climate of our meetings will be informal though serious, relaxed though hard-working, enjoyable, practically relevant to future teaching in Ed 405 or in a teaching position. There will be some integration with other subjects.

We have only 12 meetings during six weeks so we shall not attempt to do other than begin the study of what is needed. But that can constitute a magnificent beginning to improve our own and the country's 'unsatisfactory state of mathematics learning and teaching.'

Please feel free to meet or call Professor Trivett to discuss any details or doubts: 291-4151 or 922-6683.