

Ed. 495-H
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Special Topics: Applied Educational
Computing for Intermediate and
Junior Secondary School
Teachers.
Instructor: Gary Morrison

March 12, 1983

Mr. Frank Brown, Assistant Co-ordinator
Personnel Department
School District #57 (Prince George)

Dear Frank:

The following information will confirm our discussions and verbal agreements regarding the credit/non-credit courses in educational microcomputing this summer. I recognize that our agreements are subject to approval by the School District and Simon Fraser University. As well, the agreements on my part still have to be endorsed by the College of New Caledonia.

1. The general nature of the arrangement is that School District and/or Simon Fraser University will contract with Gemcon Enterprises Ltd., naming me as the performer of the contracted services, to offer a 48 hour credit/non-credit introductory course in educational computing. Each of the following items is a condition of this contract.
2. The fee for design/instructional services is \$3600.
3. The general approach taken in the course will provide intensive, practical experience. The ratio of persons to microcomputers will be 1:1 and approximately 75% of the course time will be hands-on activity. The maximum class size for this approach is twenty students.
4. The 48 hours course may include both credit and non-credit students. The course will be aimed at the intermediate/junior secondary level and will comprise six eight-hour modules, as follows:
 - Introduction to programming in BASIC (educational orientation)
 - Introduction to educational applications: a hands-on survey of CAI, CML, and CMI.

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- Introduction to LOGO, and strategies for using LOGO as a "language of learning"
- Introduction to the development of CAI using authoring languages (ie. Pilot)
- Implementing CAI/CML in the classroom: selection, application and integration of "high-tech" learning
- Introduction to CMI and teacher utility functions: record keeping and word processing.

5. The course will be scheduled for eight to twelve days over the last two weeks in August, 1983. *Aug. 15-26*
6. School District #57 and/or Simon Fraser University will contract with the College of New Caledonia to provide the "MicroPro" lab facilities, the rate for exclusive use of the 20-station lab being \$2400 for 48 hours
7. Student materials for the course will be acquired by Gemcon Enterprises Ltd. The cost of these resources will not exceed \$20.00 per student, the total amount in addition to the fees for professional services being remitted to Gemcon Associates by SD #57/SFU. The main student materials will include:

Ordered by Gary

(text) INTRODUCTION TO COMPUTERS IN EDUCATION FOR ELEMENTARY AND MIDDLE SCHOOL TEACHERS by David Moursund, I.C.C.E. (approx \$8.00)

EVALUATOR'S GUIDE FOR MICROCOMPUTER-BASED INSTRUCTIONAL PACKAGES, I.C.C.E. (approx. \$2.50)

Student file diskette (approx \$3.00)

Locally-developed handouts (duplicating costs approx. \$5.00)

8. All software resources required will be provided by School District #57, the College of New Caledonia, Gemcon Enterprises Ltd. or Simon Fraser University, at no cost to any parties. (Original software resources remain the property of the provider, but copies may be made and retained by Gemcon for instructional purposes.)

I believe this covers all the details we discussed, Frank. As to the matter of a course name,

may I suggest "Applied Educational Computing for Intermediate and Junior Secondary School Teachers."

In the other matters we discussed about our participation in the school district's ongoing professional development program, I can at this time offer the following:

1. Any one of the six modules which comprise the course proposed above are available as discrete training programs. In six hour modules the cost per student is \$50.00, with a reduction of 20% for corporate groups. The student:computer ratio is 1:1 and, at this time, we are limited to ten computer stations.
2. Two-hour "after school" modules for teachers, one an introduction to "computers, languages and programs" and the other an orientation to and hands-on mini-survey of CAI/CML applications. These modules are designed for 2:1 ratio of students:computers with a maximum group size of 20 persons. The cost: \$10.00 per person, in groups of 15 or more.
4. I am very intersted in contracting my services directly to the school district under your "Phase II" concept of in-school professional development, but this is also subject to restrictions so that I do not come into conflict with my agreement with the College. My rate is \$300 per day. I would not, however, be prepared to do this until next fall.

Please reconfirm the details of the summer course with me, Frank, including any other details I may have missed.

Sincerely,

Gary Morrison,
Director