

Simon Fraser University

Education 482-4
Designs for Learning: Educational Uses of Computers

Fall Semester, 1990
Thursdays
4:30 - 8:20 p.m.
Location: MPX 8651

Instructor: Dr. Lucio Teles
Office: MPX 8547
Telephone 291-3046

1. Prerequisites

Educ 401/402 or equivalent.

2. Course Description

This course will introduce students to theoretical perspectives and practical issues related to the use of computers in education (why should we use computers for learning and administrative tasks and how do we do it). Course sessions will cover the following topics: computer hardware and software, productivity tools (word processing, database, spreadsheet, etc.), computer-assisted instruction (CAI), and telecommunications. Issues regarding computer implementation in the school will also be discussed. Course sessions will be delivered both face-to-face and online, using SFU's *Forum conferencing system. Students will be given computer accounts and training on the use of *Forum.

3. Objectives

The objectives of the course are to provide students with the necessary skills to use computers in the school for a variety of activities and to develop a critical view of the use of computers in education.

4. Course Activities

The first 5 sessions will be face-to-face and will consist of lectures and hands-on activities at the ETC computer lab. The following 5 sessions will be online and will consist of discussions and online assignments. The last two sessions will be face-to-face where students will present their class projects. Course activities will also include guest speakers and software demonstrations. Students will be evaluated on four items:

5. Evaluation

1. Class project
2. Online assignments
3. Class participation
4. Final paper (10 pages)

6. Textbook

The textbook for the course is: Lockard, J., Abrams, P. & Many W. (1990) *Microcomputers for Educators*. Toronto: Little, Brown and Company.