SIMON FRASER UNIVERSITY
SUMMER SEMESTER 2007

EDUC 482-4
DESIGNS FOR LEARNING: INFORMATION TECHNOLOGY
(D01.00)

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Wednesday 1:00-4:50pm Edb 8500
Course Website: www.sfu.ca/educ482

PREREQUISITE: EDUC 401/402 (or permission from the instructor)

COURSE DESCRIPTION

In this course, students develop a critical understanding of information technologies in education and learn how to integrate these technologies into classroom settings. An emphasis is on teaching strategies and methods as they complement the guidelines set forth in the B.C. Curriculum.
Students enrolled in this course should be interested in specific aspects of teaching and learning in 'technology-rich' settings. The course will focus on the role of IT as a general change agent in society, as a curriculum topic and as a tool used to promote specific types of teaching and learning. This course is not an introductory computing course or a training course in the use of educational software. While it is expected that students will learn about new applications during the course, a basic level of information and computer literacy is assumed and required.

OBJECTIVES
In this course students will:

- develop appropriate models and methods for the implementation and management of information and communication technologies (ICT) in educational settings.

- critically evaluate available information and communication technologies as they are used in learning and teaching including WWW resources, email and conferencing software.

- compare and contrast the Integrated Resource Packages (IRPs) and Resource guidelines published by the Ministry of Education with other IT guidelines published internationally.

- consider a variety of psycho-social and social-cultural factors influencing the implementation and use of IT within different educational contexts.

REQUIREMENTS
Internet access. You will need to have Internet access to complete many of the assignments in this course, therefore you will need access to a computer either at home or on campus at least 2-3 times during the week

Regular attendance. A great deal of the learning in this course takes place through tutorials and small

group discussions attendance is necessary and will be included in a participation mark.

Time in the computer lab to work on your own projects. There will be some assignments that will require specific software applications and technical support available in the CET (Centre for Educational Technology). You will need to schedule your work time out side of class time in relation to the posted hours of the CET. Students who come to campus only one day a week and do not have adequate computer access at home or work may find it very difficult to complete the course successfully.

Students will complete the following course assignments:
1. Collaboratively develop and present curriculum and implementation workshops using ICT - 45%
2. Prepare a written evaluation of educational resources available on the WWW - 20%
3. Synthesize a reflective journal on individual learning experiences during the course - 20%
4. Participation in class and online activities such as online asynchronous discussions – 15%

COURSE READINGS
Readings will be provided from a variety government, on-line sources and current education journals. There will be no required textbook but a small fee will be charged to cover copying.