EDUCATION 482-4
DESIGNS FOR LEARNING:
INFORMATION TECHNOLOGY

In this course, students develop a critical understanding of information technologies in education and explore methods to integrate these technologies into classroom settings. An emphasis is on teaching strategies and methods as they complement the guidelines set forth in the BC Integrated Resource Packages and other curriculum documents.

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.

PREREQUISITE: EDUC 401/402 and EDUC 260 or permission of the supervisor.

REQUIRED TEXTS: None. Course materials (Course Reader, Study Guide, etc.) will be distributed at the Face-to-Face Orientation Session.

NOTE: This course is delivered online using a computer conferencing system called FirstClass Intranet Client. Access to a computer and modem is required. Students also must be able to attend both the Orientation Session and the Learners' Conference. Please see below for more details.

COURSE REQUIREMENTS:

Students will complete the following course products:

Reflective journal (25%)
Evaluation of educational resources available on the WWW (20%)
Develop/share lesson plans (20%)
Design and develop a personal plan for a teaching project or ICT implementation (25%)
Collaboratively develop design & deliver a workshop for the Learners' Conference (10%)

COURSE ORGANIZATION:

This course is offered as a "mixed mode" distance education course. It is a combination of face-to-face delivery and web-supported distance learning. The course involves participation in the following:

(1) The ORIENTATION SESSION:
Where: Centre for Education Technology, Faculty of Education
Date: Saturday, August 24 AND Sunday, August 25, 2002
Time: 9:00 a.m. to 4:00 p.m. both days.

<u>(2) ONLINE:</u>
Online discussion and course activity from September to December as the course continues at a distance through the online environment. Please refer to page 3 for details on computer requirements.

<u>(3) The LEARNERS' CONFERENCE:</u>
Where: Centre for Education Technology, Faculty of Education
Date: Saturday, November 30 AND Sunday, December 1, 2002
Time: 9:00 a.m. to 4:00 p.m. both days.

SUPPLEMENTARY FEES:

Course Materials and Service Fee	$30
Deposit for Additional Materials	$25

Computer Requirements

1. This course requires active participation over the internet through conferencing software called *FirstClass*. Students must have access to a computer and the internet. Students wishing to connect to the internet from home computers are responsible for connecting to either SFU or an external Internet Service Provider (ISP). Information on connecting to SFU through modem dialup lines is available at the Academic Computing Services (ACS) web site: <http://www.sfu.ca/acs>. Phone numbers for ACS are 604-291-3234 (Burnaby) or 604-291-5030 (Harbour Centre).

   SFU Students activate your SFU Computing Account online at: <http://my.sfu.ca>

2. On-campus computer facilities are available. If you are using your own computer, **Minimum Computer Requirements** are:

   Hardware
   - Macintosh with System 7.1 or higher **OR** PC with Windows 95 or later (98, 2000, NT, ME, etc.)
   - 6 MB RAM
   - 10 MB free disk space
   - 28.8 baud modem
   - CD-ROM drive

   Software & Other
   - Internet Connection
   - Email (e.g., Eudora, Outlook, Webmail, etc.)
   - Internet Browser (e.g. Netscape or Internet Explorer)
   - FirstClass Conferencing System*(provided in your course materials package)
   - SFU Computing Account (SFU Students only). Get it online at **<http://my.sfu.ca>**

   *Described in course materials package.

   General
   - Prior computer knowledge is expected (i.e. ability to save files, install programs and maintain your computer).
   - Familiarity with the internet, email, and related applications is highly recommended.

3. **Please Note:**
   - Support for general computer problems such as operating system difficulties and hardware problems is not available.
   - If you are having problems getting started with FirstClass, you may drop in to Teaching and Learning Technologies (WMC 1340) from 9:00 AM to 3:00 PM during the first week of classes. Students unable to access the Burnaby campus may call the Centre or email <help@firstclass.sfu.ca> for assistance.
   - The subsidized modem hours allotted to students each semester are not normally sufficient to complete the required course work.
     - A voucher system has been implemented to allow students to pay for continued modem access on 604-291-4721 (after your subsidized access is used up). Vouchers may be purchased from the campus bookstores and are sold in increments of $20. At 60 cents/hour, each voucher is good for approximately 33 hours. Instructions are included with the voucher.
     - For complete information on SFU's Modem Access Policy, check the ACS web site above.
     - **Out of town students only:** It is recommended that students residing outside the Lower Mainland contact a local Internet Service Provider (ISP) since using SFU dialup services will result in additional long-distance charges. Check your local yellow pages under "Internet" for listings.

   For further information about computer requirements or FirstClass, contact Teaching and Learning Technologies by email at **<help@firstclass.sfu.ca>**