

**Learning and Teaching through Technology**

Office: TBA

Phone: 604-586-6063

email: stephanc@sfu.ca

Tuesdays 13:30-16:20  
in EDB 8500

**D01.00**

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**PREREQUISITE:**

*Note: students with credit for any Computing course cannot take this course for further credit.*

**DESCRIPTION**

- You will need to have internet access to complete many of the assignments in this course. Therefore, you must have internet access at home or be on campus at least 2-3 times during the week.
- There will be some assignments that will require specific software applications available on computers in the Faculty of Education's Centre for Educational Technology (CET). You will, therefore, need to schedule some time to work in the CET outside of class time.
- An email list and conference will be maintained for course announcements and Q&A items. The list and conference use only your SFU email account, thus you will need an active SFU email account and to check your email and the conference throughout the week.

**COURSE DESCRIPTION**

This course is designed to be interactive and hands-on. It will provide an exciting beginning experience for those who desire to integrate technology into classroom teaching. The course is also meant to introduce you to some of the social, cultural and instructional issues surrounding the use of technology in Education through formal and informal discussions. The broad goal of the course is to empower pre-service and in-service teachers to begin to use computer (primarily) technologies from a basis of comfort, interest and meaning. As this is an introductory course, we will not achieve great depth, however it is expected that you will leave this course with the confidence to pursue further learning on your own and some concrete ideas about how to integrate technology into your teaching.

**REQUIREMENTS**

- Class Attendance
- Reading Responses (20%)
- Assignments (60%)
- Position Paper (20%)

**REQUIRED READING**

Tiene, D., & Ingram, A. (2001). Exploring current issues in educational technology. Boston: McGraw Hill.

Additional readings will be made available throughout the course.

**SUGGESTED READINGS**

Healy, J. M. (1999). Failure to connect: How computers affect our children's minds and what we can do about it. New York: Touchstone Books.

Teach yourself computers and the internet visually (2nd ed.) (1998). Foster City, CA: Maran Graphics.