

E-1: Introduction to Technology for Students with Special Needs

Instructor: E. Ferguson & P. Carson

Location: Vancouver

Date: July 4-13, 1994

Days: Monday-Saturday

Time: 8:30 a.m.-12:30 p.m.

	UVic	SFU	*UBC
Course Number:	ED-D 487	EDUC 376	EPSE 390B
Section Number:	P57	T1.00	96S
TT or Cat Number:	79910	54167	31828

COURSE DESCRIPTION

Participants should have a basic knowledge of the use of computers and productivity software for this course, as well as an understanding of current issues in the education of students with special learning needs. This course will provide an introduction to the use of technology used by children with special needs in education and rehabilitation. The format consists of lectures, presentations, demonstrations, learning station activities, group discussions, and project work. The components of the course include: overview of the use of technology by children with special needs; introduction to programs and resources that support technology; review, evaluation, and demonstration of software and assistive technologies; strategies for integrating technology into the curriculum; and the future of technology in education and rehabilitation.

INSTRUCTOR PROFILE

Elaine Ferguson is responsible for provincial coordination of SET-BC inservice for teachers in the implementation of special technologies. She has taught students with multiple handicaps at the Sunny Hill Hospital for Children and MacCorkindale Elementary School in Vancouver.

Paul Carson works at SET-BC coordinating a group of pilot projects which explore the provision of services and resources to a broader range of disability groups. He has been involved in teaching and administering special education programs in Vancouver and Prince George for over 10 years.

COURSE REQUIREMENTS

1. Class attendance and participation 10%
2. Reviews of selected articles..... 15%
3. Evaluation and demonstration of software 20%
4. Investigation and presentation of assistive technologies 20%
5. Development of a research project on a selected topic 35%

Participants will work on both individual and group assignments during this course. Assignments 1-4 will be graded by the course instructors. Assignment 5 will be a group project. These projects will be graded by course participants using a rating form to be issued at the beginning of the course.

READINGS

Required text:

Lewis, Rena B. (1993). *Special Education Technology: Classroom Applications*. Pacific Grove, CA: Brooks/Cole Publishing.

Recommended text:

Thornburg, David. (1991). *Edutrends 2010: Restructuring, Technology, and the Future of Education*. Starsong Publications.

Journal articles that are required reading will be distributed in class. A \$10 fee will be charged for reproduced materials.