Education 486-4 Special topics: Microcomputers in Education

Intersession, 1984

Instructor: David Bell

2

Monday/Wednesday, 5:30 - 9:20

Location: on campus

OBJECTIVES:

Recent developments in microelectronics have hastened the arrival of computers in the classroom. This course will examine the various ways that computers might influence the teaching-learning process and classroom management.

Students in this course will:

a) develop competencies in the operation of microcomputers.

b) develop skills related to the selection, evaluation and utilization of computer-based learning materials.

c) develop an awareness of the ways computers can be used to support the instructional and administrative tasks of teachers.

d) develop a critical awareness of the role of computers in society and the implication of this for education.

This is an introductory course in which students will develop a level of computer literacy sufficient for the intelligent and critical utilization of existing microcomputer hardware and software. It is not a course designed to prepare teachers to teach computing science courses nor will it prepare teachers to write computer-assisted learning materials.

OUTLINE OF TOPICS:

- 1. Operation of Microcomputers
 - a) components and their function
 - b) connecting peripheral devices
 - c) programs and programming
- 2. Modes of computer utilization
 - a) the computer as instructor
 - b) the computer as laboratory
 - c) the computer as object of study
 - d) the computer as teacher's aide
- 3. Selection and utilization of software
 - a) sources of materials
 - b) evaluation of courseware
 - c) integrating computers in the curriculum
- 4. Computer literacy

A set of a set of

in an article frage and the first state of the second state of the

- 말한 행위 (· · · · 한)

A KALAN (1) COLLETTICE PERMINENT COLLECTION PROPERTY COLLECTION COLLECTION AND COL

n na shekara na shekara na shekara na shekara 🕴 ta kara kararar 👘 👘 👘

්ර වේසාවෙන්නි හා සංඛ්යාවන කොළවසාරී සිංහා දීම නැවැදියාව පහස්වියක්ව වැට වර්ග වැට විවර්ගී වර්ගන වර්ගීන්වර වැටසොම වැඩසුව බොහු වැට වර්ගන

కే కింగా పై జానగా ఆరాగారు. రాజనారణ్ భిగ్రాణం ఇవాడు సాతారణం భారాష్ భివాణా సారా క్రాణం కి కిషికర్ కి శివార్ రాజనికి రాష్ రిఫిస్ రిఫిష్ సంకార్గణ్ ఇంటి కింటాల్ లే లెస్ క్రాణార్గా పై

.

වේ." වරා වැඩිවෙනුවා විසින් පර්රීයාවන් දෙනා මෙන මෙන මෙන සිදුවෙන සිදුවන් සිදුවට නොවැඩිවෙන සිටි. වරානමණ්ඩල පොරාව සිදුවෙන විසානුව දී පාර්ෂ හෝම කොටි සිද්වෙන දෙනාවට අවසන සට දෙනාව

·北京大学的学校、中国大学的小学校、一个人、1997年11日

and the second secon

· 14 《西班话》(2),西方西南南部(2), 14 4年(44)

and a shout the state of the second second

್ರಿ ಕ್ರೋಟ್ ಸ್ಟ್ರಿಸ್ ಸ್ಟ್ರಾಂಗ್ ಕೇಲ್ ಸ್ಟ್ರೇ ಕ್ರೇಟ್ ಸ್ಟ್ರಿಸ್ಟ್ ಸ್ಟ್ರಾನ್ ಸ್ಟ್ರಿಸ್ಟ್ ಸ್ಟ್ರಾನ್ ಸ್ಟ್ರಿಸ್ಟ್ ಸ್ಟ್ರಾನ್ ಸ ಸ್ಟ್ರಾನ್ ಸ್ಟ್ ಸ್ಟ್ರಾನ್ ಸ್ಟ

ANNO CONTRACTOR DE CONSTRUCTO

్టింగా జాల్లు స్తార్తున్న లోపోల్లోని అందింగా కార్లు కోటింది.

- a) print and non-print materials on computers
- b) role of computers in schools and society
- c) status of computers in B.C. schools
- d) use and misuse of computers in education

COURSE ACTIVITIES:

Course activities will consist of lectures, demonstrations, readings and laboratories.

EVALUATION:

Evaluation will be based on:

- 1. a paper reviewing the application of computers in a selected curriculum area (10 pages)
- 2. a critical evaluation of a piece of software (software review) (2-3 pages)
- 3. short tests related to the lectures and readings
- 4. demonstartion of computer operating skills

REQUIRED TEXTBOOKS:

Bitter, G. & Camuse, R. <u>USING A MICROCOMPUTER IN THE</u> <u>CLASSROOM</u>. Reston: Reston Publishing, 1984.

Moursund, D. <u>Introduction to computers in Education for</u> <u>Elementary and Middle School Teachers</u>. Eugene: ICCE (University of Oregon), 1981.

PREREQUISITES:

Education 401/402 or equivalent.

A B Constant of the second se

্যা মহলাল বিভাগি বিভাগি বিভাগি হৈ বিভাগ হৈ বিভাগ হৈ বিভাগি হৈ বিভাগি বিভাগি বিভাগি বিভাগি বিভাগি বিভাগি বিভাগি আজি মহলা ইংকাজি আজি আজি বিভাগি বিভা

, **,** ,

the state of the s

್ಲಿ ಬಾಗಾರಣ್ಯ ಬೇಗು ಕಾಣ್ಣು ರೇಕಾಗುವು ಕೆರ್ಗೆ ಬಂಗು 70% ಗಳಿತೆಗಳು ಬಂಗು ಕಾಣಬಾರಿಕ್ಕಾಗಲು ಕಾಣ್ಯ ಗಾಗಾರಣ್ ಮಕ್ಷಣೆಗೆ ಬಂಗು ವಾಗ್ರಿಗೆ ಗ್ರಾಮಂತ್ರ ನಿಮಾರ ಸಂಗ್ರೆಗೆ ನಿರ್ವಾಸಗಳ

and an annual annasti a chatagain canas, a's la gcal anna can a canti asman a tha taisteann a' an Faranna a' a Mar a annas a'tha a chatagaint

sense in the composite and not be taken a construction of the cons

人名卢卡德 "上午""这个**大地收入**,这个时间,这个个事件,我们还是个地址来到这个公司。"

THE COLUMN CONTRACTOR

ំណុំ ខាងសេចថា ហើង ខេងនិសា ស៊ុសថា ហេតាសាសារស្ត្រាណ្ឌេណ្ណាសារ ណា លេចី ប្រទាំងកម្មណ៍ ក៏លេខ សារខណៈ ២ សម្តារដែលថា សារសេច អា ណាស់លេង ហើយ នេះសែសា ស៊ុណ ៤ ខ្មែលលេស នេះ ជើបទេ សារខណៈ សាសាសស្ណាយ ហើយមណ្ឌម នេះសារាស្រ

1021101 (2 10 FBA

· · ·

.

.

. . The the state of the state