COURSE NUMBER: ED. E. 487

COURSE NAME: Special Topic: Sports Injuries
Prevention and Rehabilitation

SEMESTER: Summer/1974 (Summer Session)

COURSE INFORMATION

Instructor	Dates	Day(s)	Time(s)
Harold Hancheroff	July 2 - Aug. 9	M, W	12:30 - 1:20
E. Banister		M	1:30 - 5:20
		T, R, F	8:30 - 10:20

Range of Topics

Mechanism of athletic injuries, anatomical and physiological recognition,
evaluation, and general care of athletic injuries, screening of athletes
that allows only those who are physically and psychologically fit to enter
competition, hygenic measures and safety supervision,preventative taping
techniques, various types of conditioning programs, standard follow up
treatments for athletic injuries.

Recommended Reading

The Athletic Trainer's Handbook - Bevan, Roland
Athletic Training and Conditioning - Payton, D. W.
The ABC'S of Athletic Training and Conditioning - Ferguson, R. B.
Techniques of Athletic Training - Longan
Modern Athletic Training - Rawlinson, Ken

Requirements

1 Lab paper
1 Mid Term
Final Examination

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Suggested Course Outline:

Education 487 - 4 (2 - 0 - 2)

TITLE:	Uses of Computers

OBJECTIVES: To introduce students to the various
programmed instruction techniques -
linear, branching, structural - and their
appropriate pedagogical uses; to teach a
simple computer language that will enable
them to design and implement a program.

TOPICS:

1. Coursewriter III;

2. Programmed Instruction forms: Intrinsic,
    Extrinsic, Adaptive Programs, Structural
    Communication;

3. Outline of research and development
    work on educational uses of computers:
    teaching maths; logic; and sciences;
    teaching humanities subjects; uses
    with disadvantaged children; C.A.I;
    C.M.I.

PREREQUISITES: Education 220
C.S. 100

CALENDAR DESCRIPTION :   Educational Uses of Computers

An Introduction to various programmed
instruction techniques - linear, branching,
structural - and their appropriate
pedagogical uses. Students will be
taught a simple computer language -
Coursewriter III - and will use it to
implement a program of their own design.

There are many opportunities in Education
for practicum projects; with disadvantaged
children, in areas of educational admin-
istration and economics and designing and
validating C.A.I.

COURSE BEING PROPOSED IN COMPUTER SCIENCE

Educational Uses of Computers

The uses of computers as teaching tools will be reviewed in detail, including interactive and batch based computer aided instruction. The student will learn COURSEWRITER and study design approaches to CAI. Special uses of CAI for teaching the handicapped, the very young, and the maladjusted, will be reviewed.

(2-0-2)