

MAY 21 1991

Registrar's Office - N.W.

Inter-office

Date: NOVEMBER 19, 1990

A. Division: APPLIED PROGRAMS

B. Department: COMMERCE & BUSINESS ADMINISTRATION New Course: [XX]

Revision of Course: []

Dated: _____

C. BUS 437 D. RESEARCH APPLICATIONS II E. 2.5

Subject & Course No. Descriptive Title Semester/Credits

F. Calendar Description:

This course, restricted to Health Information Services Program students, is an introduction to research in the health record profession. Topics covered include: the nature and types of research, identifying the research problem, and reviewing and evaluating the research literature. The role of the health record administrator in health sciences research will be discussed.

Summary of Revisions:
(Enter date and Section Revised)

e.g. 1982-08-25 and Section C,E,F, and R.

G. Type of Instruction:		Hrs. Per Week/ Per Semester	H. Course Prerequisites:
Lecture	<u>4</u>	Hrs.	(BUS 337) Research Applications I
Laboratory	_____	Hrs.	I. Course Corequisites: NIL
Seminar	_____	Hrs.	
Clinical Experience	_____	Hrs.	J. Courses for which this Course is a Pre-requisite: NIL
Field Experience	_____	Hrs.	
Practicum	_____	Hrs.	K. Maximum Class Size: 35
Shop	_____	Hrs.	
Studio	_____	Hrs.	L. College Credit Transfer <input type="checkbox"/> []
Student Directed Learning	_____	Hrs.	
Other (Specify)	_____	Hrs.	M. Transfer Credit: Requested <input checked="" type="checkbox"/> [XX]
Total	<u>4</u>	Hrs.	
			Granted <input type="checkbox"/> []

(Specify Course Equivalents or Unassigned Credit as Appropriate)

U.B.C. _____

S.F.U. X

U. Vic. X

Other OLA

Non-Credit []

Patrick Brown Course Designer(s)

[Signature] Divisional Dean

[Signature] Director/Chairperson

[Signature] Registrar

NAME AND NUMBER OF COURSE

N. Textbooks and Materials to be Purchased by Students (Use Bibliographic Form):

Friedman, G., "Primer of Epidemiology", McGraw Hill, 1987.

Amatayakul, M.K., "Research Manual for the Medical Record Profession", AMRA, Chicago, Ill.

Complete Form with Entries Under the Following Headings: O. Course Objectives;
P. Course Content; Q. Method of Instruction; R. Course Evaluation

O. COURSE OBJECTIVES

The student will be able to:

1. Demonstrate a basic understanding of the nature and types of research, epidemiology, the scientific method, research designs and methods.
2. Identify and clearly define appropriate problems or topics for research in the health record field.
3. Critically evaluate research performed by others in their field.
4. Conduct a thorough literature review on a selected topic.
5. Develop an appreciation for the nature of applied research and its significance for the health record profession.

P. COURSE CONTENT

1. The nature of research:
 - definition and purpose
 - types: - basic or pure
 - applied (fundamental and action)
 - experimental
 - descriptive
 - epidemiology
 - the scientific method
 - steps in the research process
2. Research planning and design:
 - identifying a topic for study
 - planning the research project
 - reviewing the literature
 - defining the problem and stating the hypotheses
 - selecting research designs
 - selecting statistical tests
3. Data collection:
 - measurement
 - operational definition
 - reliability and validity
 - scales, methods and instruments.

NAME AND NUMBER OF COURSE

4. Data Analysis
 - Descriptive and inferential techniques
 - Presentation and interpretation

5. Evaluation of Research Articles
 - Evaluation criteria
 - Elements of the critique:
 - Title and introduction
 - Problem statement
 - Literature review
 - Hypotheses
 - Methodology
 - Analysis
 - Results
 - Discussion
 - Conclusion and Recommendation

6. Research and the Health Records Profession
 - Applications and opportunities
 - Use of data for organizational analysis
 - Potential role of HRAs

Q. METHODS OF INSTRUCTION

1. Lecture/discussion

R. COURSE EVALUATION

1. Assignments (4)	40%
2. Mid-Term Exam	20%
3. Literature Review	30%
4. Participation	<u>10%</u>
	100%