APPLICATION FOR A NEW COURSE

1. Submitted by College of Allied Health Professions Date 7/25/01

Department/Division offering course: Clinical Sciences/Athletic Training

2. Proposed designation and Bulletin description of this course

   a. Prefix and Number AT 672
   b. Title Scientific Inquiry in Athletic Training III
      *NOTE: If the title is longer than 24 characters (including spaces), write
      a sensible title (not exceeding 24 characters) for use on transcripts __________________________
   c. Lecture/Discussion hours per week 2
   d. Laboratory hours per week
   e. Studio hours per week ______________________
   f. Credits 2
   g. Course description
      The third course of a four part series that will develop skills and a knowledge base that will aid the student while
      conducting and critically reviewing research in athletic training. Coursework will address the design of research and
      synthesis of data in athletic training. The importance of pursuing quality research will be stressed and the procedures
      necessary to complete this process will be presented.
   h. Prerequisites (if any)
      Graduate standing and consent of instructor __________________________
   i. May be repeated to a maximum of ______ 2 credits ______ (if applicable)

4. To be cross-listed as

   Prefix and Number __________________________
   Signature, Chairman, cross-listing department __________________________

5. Effective Date: Fall 2001 (semester and year)

6. Course to be offered Fall XXX Spring XXX Summer ______

7. Will the course be offered each year? Yes No
(Explain if not annually)

8. Why is this course needed?

   The AT 671 course is designed to meet the academic mission of the emphasis in Athletic Training.
9. a. By whom will the course be taught? Faculty in the Division of Athletic Training
   b. Are facilities for teaching the course now available? Yes No

10. What enrollment may be reasonably anticipated? 10 - 15

11. Will this course serve students in the Department primarily? Yes No
   Will it be of service to a significant number of students outside the Department? Yes No
   The course will be appropriate for students in the CAHP & Kinesiology and Health Promotions who are certified athletic trainers.
   Will the course serve as a University Studies Program course? No
   If yes, under what Area?

12. Check the category most applicable to this course
   XXX traditional; offered in corresponding departments elsewhere;
   ______ relatively new, now being widely established
   ______ not yet to be found in many (or any) other universities

13. Is this course part of a proposed new program:
   If yes, which? Yes No

14. Will adding this course change the degree requirements in one or more programs? Yes No
   If yes, explain the change(s) below

15. Attach a list of the major teaching objectives of the proposed course and outline and/or reference list to be used.

16. If the course is a 100-200 level course, please submit evidence (e.g. correspondence) that the Community College System has been consulted.

17. Within the Department, who should be contacted for further information about the proposed course?
   Name and Phone Extension: Carl G. Mattacola 323-1100 Ext. 267
*NOTE: Approval of this course will constitute approval of the program change unless other program modifications are proposed.

Signatures of Approval:

Raymond J. Chei
Department Chair

Dee S. Grassey
Dean of the College

*Undergraduate Council
Date 7/26/01

*University Studies
Date 7/27/01

*Graduate Council
Date

*Academic Council for the Medical Center

*Senate Council (Chair)
Date 8/29/01

Date of Notice to the Faculty

Date of Notice to University Senate

*If applicable, as provided by the Rules of the University Senate

ACTION OTHER THAN APPROVAL
AT 672
Scientific Inquiry in Athletic Training III

Proposed Course Description:

The third course of a four part series. Scientific Inquiry in Athletic Training III is a 2 credit course that will develop skills and a knowledge base that will aid the student while conducting and critically reviewing research in athletic training. Coursework will address the design of research in athletic training. The importance of pursuing quality research in athletic training will be stressed and the procedures necessary to complete this process will be presented.

Course Objectives:
By completion of the course the student will accomplish the following:

1. Discuss various statistical and methodological research designs.
2. Discuss and demonstrate competence in publication styles.
3. Discuss the advantages and disadvantages of statistical models for data analysis.
4. Critic and demonstrate proficiency in organizing results of an acquired data set using data acquisition software specific to athletic training / sports medicine.
5. Demonstrate proficiency in developing figures and tables that are manuscript ready.
6. Demonstrate proficiency in critically reviewing and preparing a research abstract.