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 671
   b. Title Scientific Inquiry in Athletic Training II
   *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 second 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 methodological procedures of designing and pursuing research 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. 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:

[Signature]  
Department Chair  
7/26/01  
Date

[Signature]  
Dean of the College  
7/27/01  
Date

*Undergraduate Council  
Date

*University Studies  
Date

*Graduate Council  
Date  
8/29/01

*Academic Council for the Medical Center  
Date

*Senate Council (Chair)  
Date of Notice to University Senate

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

ACTION OTHER THAN APPROVAL
Proposed Course Description:

The second course of a four-part series. Scientific Inquiry in Athletic Training II 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 methodological procedures of designing and pursuing 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. Design and implement methodological procedures.
2. Prepare and defend a scholarly research study.
3. Utilize and become proficient in the bibliographic database; Reference Manager.
4. Demonstrate proficiency with research equipment used in athletic training research.
5. Define and describe the importance of reliability and validity in the research process.
6. Demonstrate with acquired data the reliability and validity of a methodological procedure.
7. Explain ethical considerations pertinent to research in athletic training.
8. Discuss ethical considerations related to the use of human and animal experimentation.
9. Develop an IRB.