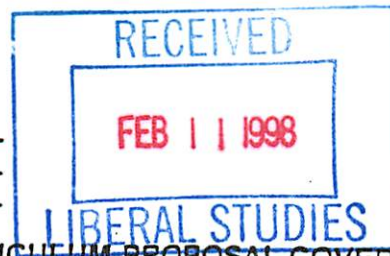


revised

LSC Use Only
Number: _____
Submission Date: _____
Action-Date: _____



UWUCC USE Only
Number: 97-8
Submission Date: _____
Action-Date: App. 2/17/98
Senate App. 3/3/98

CURRICULUM PROPOSAL COVER SHEET
University-Wide Undergraduate Curriculum Committee

I. CONTACT

Contact Person Dr. James Mill Phone 357-2770
Department Health and Physical Education

II. PROPOSAL TYPE (Check All Appropriate Lines)

COURSE Advanced Athletic Training
Suggested 20 character title
 New Course * HP 365 Advanced Athletic Training
Course Number and Full Title
 Course Revision _____
Course Number and Full Title
 Liberal Studies Approval + _____
for new or existing course Course Number and Full Title
 Course Deletion _____
Course Number and Full Title
 Number and/or Title Change _____
Old Number and/or Full Old Title
_____ New Number and/or Full New Title

PROGRAM: Major Minor Track

New Program * _____
Program Name
 Program Revision * _____
Program Name
 Program Deletion * _____
Program Name
 Title Change _____
Old Program Name
_____ New Program Name

III. Approvals (signatures and date)

Melita P. Paus
Department Curriculum Committee

[Signature]
Department Chair

Mary E. Suenkel 12/17/96
College Curriculum Committee

[Signature] 23 Dec 96
College Dean

+ Director of Liberal Studies (where applicable)

* Provost (where applicable)

I. CATALOG DESCRIPTION
HP 365 Advanced Athletic Training

(3c - 2l- 4sh)

Prerequisites: HP 345, HP 346

This course is designed to teach assessment procedures, evaluation methods, and proper athletic training protocol for neuromuscular and skeletal muscle injuries. In addition, administrative issues in athletic training will be addressed emphasizing accurate medical documentation. Emphasis will be placed on subjective and objective assessment and documentation of findings.

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II. COURSE OBJECTIVES

After completing this course students will:

- A. prescribe and perform tests and measurements for evaluating athletic injuries
- B. integrate theories and principles for purposes of assessing the injured athlete
- C. discuss differences in the assessment methods utilized for athletes of varying ages, gender and developmental levels.
- D. demonstrate proficiency in the collecting and recording of data for the health history
- E. demonstrate proficiency in performing and recording the physical examination

III. COURSE OUTLINE

- A. Detailed physical examination of body structures, articulations and functions to include: soft tissue palpation, myofascial release, goniometry, manual muscle testing, neurological testing, and proprioceptive neuromuscular facilitation (PNF) procedures in a lecture and laboratory atmosphere of the following areas:
 - 1. physical examination of head, face and eyes (theory and practice of techniques)
 - 2. physical examination of shoulder, elbow joint, forearm, wrist, hand (theory and practice of techniques)
 - 3. physical examination of thoracic spine, abdominal region, pelvic joints, hip (theory and practice of techniques)
 - 4. physical examination of knees, lower leg, ankle, foot (theory and practice of techniques) (4 lecture, 4 lab)

B. Diagnostic Procedures

1. radiology
2. magnetic resonance imaging (MRI)
3. computed tomography (C.T.) scan
4. electro-myography
5. arthroscopy (10 lecture, 6 lab)

C. The body's response to severe physical trauma and environmental stress

1. On field management techniques, procedures for:
 - a. unconscious athlete
 - b. possible cervical fracture
 - c. cervical stenosis, brachioplexis injury (burners, stingers)
 - d. inflammation, micro-trauma, stress related injuries
 - e. fracture, dislocation of extremities
2. Life threatening environment conditions
 - a. hypothermia
 1. heart syncope
 2. heat exhaustion
 3. heat stroke
 - b. altitude sickness
 1. acute mountain sickness
 2. pulmonary edema
 3. circadian dysrhythmia (12 lecture, 6 lab)

D. Areas of Special Consideration

1. The Female Athlete
 - a. menstruation
 - b. pregnancy, exercise during
 - c. contraceptive steroids
 - d. anabolic steroids
 - e. the prepubertal period
2. Advisory Role of the Athletic Trainer
 - a. supervision of student interns
 - b. coordination as the sport medicine team
 - 1) team physicians
 - 2) orthopedic consultants
 - 3) assistant athletic trainers

3. The child sports competitor
 - a. Injury epidemiology
 - b. Physical immaturity
 - c. The child's psyche
 - d. Physical training and intensity
 4. The Older Athlete
 - a. Conditioning and training concepts
 - b. Effects of physical activity
 5. The Disabled Athlete
 - a. Functional classification
 - b. Physiological comparisons
 - c. Sports injury and prevention (8 lecture, 6 lab)
- E. The Athletic training program organization, administration, medical documentation, record keeping, facilities, equipment and personal job description
1. Ethical considerations and the athletic trainer
 2. Utilization of athletic trainers in the sport setting
 3. The athletic trainer relationship with coaches, physician, other support personnel
 4. Program budgeting and inventory maintenance
 5. Function of sports medicine clinic
 6. Legal concerns of the coach and athletic trainer
 - a. documentation
 - b. medical referral
 - c. insurance implications
 - d. maintenance of staff certifications
 7. Facilities and special service areas
 - a. Evaluation
 - b. Treatment and Rehabilitation
 - c. Taping and strapping (8 lecture, 6 lab)

IV. EVALUATION METHODS

Grades will be awarded based on the following criteria:

- | | |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 75% | 3 written examinations - 25% each - to include a midterm and final exam
All exams, with exception of the final, will be given during the regular class time. |
| 15% | Case Studies |
| 10% | Practical performance of assessment techniques during clinical hours and in the classroom |

Grading Scale

90-100	A
80-89	B
70-79	C
60-69	D
59 or below. . . .	F

V. REQUIRED TEXTBOOKS, SUPPLEMENTAL BOOKS, AND READINGS

Magee, D. J. J. (1992). Orthopedic physical assessment. Philadelphia, PA: W.B. Saunders Co.

Hoppenfeld, S. (1976). Physical examination at the spine and extremities. Norwalk, CN: Appleton Century Crofts

VI. BIBLIOGRAPHY

Arnheim, D.D., Prentice, W. E. (1993). Principles of athletic training. St. Louis, MO: Mosby Year Book.

Bucher, J.M. Thibodeau, G.A. (1991). Athletic injury assessment. Los Altos, CA: Times Mirror/Mosby College Publishing.

Kendall, F. P., McCreary, E. K. (1987). Muscles, testing and function. Baltimore, MD: Williams and Wilkins.

O'Donoghue, D. H. (1984). Treatment of injuries to athletes. Philadelphia, PA: W. B. Saunders Company.

Reid, D. C. (1992). Sports injury assessment and rehabilitation. New York, NY: Churchill Livingstone Inc.

COURSE ANALYSIS QUESTIONNAIRE

Section A: Details of the Course

- A1. This course is required of all students wishing to be certified as athletic trainers. It is a required course in the recently proposed athletic training track, and the content of the course is required for NATA certification, as well as for Pennsylvania State Licensing as an athletic trainer. Most students enrolling in the course will be Health and Physical Education or Physical Education and Sport majors. However, students in other majors may also enroll in this course providing they have completed all prerequisites for the courses HP 345 and HP 346. Students wishing to be certified will have to complete all course in the Athletic Training track as well as other required courses as determined by NATA certification guidelines. The future dictates that any student wishing to sit for this certification exam must have completed their education through an accredited athletic training program (CAAHEP). This course along with two others is being proposed as part of the requirements for the accreditation process which the IUP Department of Health and Physical Education is preparing to go through.
- A2. This course necessitates no change in existing courses presently being taught in HPE. However, this course, along with HP 446 and HP 448, will provide advanced coursework necessary for the development of an accreditation program in athletic training.
- A3. This course has been offered as a special topics course in the Fall 1996 and Fall 1997.
- A4. It is not intended to be dual level course.
- A5. It will not be taken for variable credit.
- A6. This course is taught at East Stroudsburg University (PRPE 434), Mansfield University (HP 376), West Chester University (PED 359.)
- A7. This course content is a requirement for certification through the National Athletic Trainer's Association. It is also a requirement for the Pennsylvania State Licensing in Athletic Training.

Section B: Interdisciplinary

- B1. Course will be taught by an HPE faculty member holding NATA Certification.
- B2. There is no relationship between the content of this course and the content of courses offered by other departments.

Section C. Implementation

- C1. All resources necessary to teach their course are currently available in the IUP Sport Medicine Lab, as well as off campus clinical sites at Keystone Rehabilitation. In addition, the HPE Department is currently conducting a search for a faculty member certified in athletic training. This new faculty member will be in addition to the two certified athletic trainers currently members of the HPE faculty.**
- C2. This course will not be funded by a grant.**
- C3. This course will be taught once during the academic year, and every other summer.**
- C4. One section will be offered.**
- C5. Clinical Lab dictates that course could accommodate 20-25 students in each class.**
- C6. No limitations imposed by professional society.**

Responses from Jim Mill 2-11-98 with reference to HPE proposals: 97-6 to 11. 97-15

97-6 Aquatics track; 97-7 Athletic training track; 97-8 HP 365; 97-9 HP 446; 97-10 HP 448; 97-11 Exercise Sci track; 97-15 Sport Admin track

UWUCC questions/concerns:

Program revision:

1. Our suggestion: add MA 105 to LS math courses. Dept. response: no, students are advised to take MA 217
2. Correct title: Sport Administration (changed throughout proposals)
3. Catalog description of program: new catalog description begins after heading "Bachelor of Science Degree (Physical Education and Sport) and replaces the current paragraph. The YMCA paragraph stays.
4. Omit "greater" in first sentence of new catalog description (from "provides greater emphasis" to "provides emphasis")
5. 97-6 and other places: HP 319 is 1-3 sh (not 3 sh--Jim will double check with catalog editor; he doesn't know how that error was made, the course is listed a var-3 in 97-98 catalog)
6. We had a concern re: faculty workload; Jim repeated that the department currently has 2 faculty and is presently hiring a 3rd with specialization in athletic training. These faculty normally teach two sections of Health & Wellness and 2 sections/courses (new). The "modalities" course will be offered in Fall and Spring and also in the summer to attract students from outside IUP
7. Internship strongly recommended (not required); "free electives" not electives; "track" not "emphasis area"
8. 97-15 correct title (Sport Administration see 2 above); e-mail received from Bob Camp; 18 credit semester corrected

New courses:

9. 97-8 objective C (changed to "discuss differences in the assessment methods utilized for athletes of varying ages, gender and developmental levels" from "discuss differences in the assessment methods utilized for athletes of varying ages, gender, developmental levels and ethnic backgrounds.")
10. 97-9 A-1 prerequisite is HP 365 (incorporates HP 345 and HP 346); change from "a course which is required for NATA" to "the content of this course is required for NATA"; also change in A-7 from course to content.
11. 97-10 A-1, A-7 same as above
12. 97-11 HP 319 (1-3 sh); BI 151 (not BI 155); inform Bio