COLLEGE OF CHARLESTON
ATEP 345 ATHLETIC INJURY EVALUATION I (3 credits)
with ATEP 345L LABORATORY (1 credit)
SPRING 2010

TIME:
Lecture: MWF 10:00 — 10:50 am
Laboratory: MW 11:00am-12:30pm

PLACE:
Lecture: Silcox Center, Room #146
Laboratory: Silcox Center Room #146 and #148

INSTRUCTOR:
Susan L. Rozzi, PhD, ATC
Associate Professor
Director, CAATE accredited Athletic Training Education Program
Department of Health and Human Performance
316 Silcox Physical Education and Health Center
(803) 953-7163 (office), (803) 953-5558 (dept. secretary), (803) 953-6757 (dept. fax)
rozzis@cofc.edu

OFFICE HOURS:
See schedule posted on office door. If you are unable to meet during my regularly scheduled office
hours please contact me to set up an appointment
Note: Office hours are tentative, changes will be noted in class or by posting.

PREREQUISITES:
ATEP 245 Athletic Injury Prevention and Management, ATEP 245 L Athletic Injury Prevention and
Management Laboratory, or Permission of Instructor

GRADING:

COURSE DESCRIPTION:
This course focuses on the principles of orthopedic examination and assessment. Emphasis will be
placed on the components of the comprehensive orthopedic physical examination including: history,
inspection, palpation, functional testing, and special evaluation techniques. The laboratory course is
designed to develop the student's psychomotor skills of orthopedic examination and assessment.

COURSE GOALS/OBJECTIVES:
At completion of this course the student will be able to:
1. Demonstrate use of injury nomenclature.
2. Explain the components of primary and secondary acute injury survey.
3. Differentiate between injury recognition, assessment, and diagnosis.
4. Describe common injuries to the extremities (shoulder, hip, elbow, knee, forearm, wrist, hand,
   lower leg, ankle, and foot) that are incurred by athletes and others involved in physical activity.
5. Describe and demonstrate physical examination techniques for the human extremities such as (a)
   taking a history, (b) inspection and observation, (c) palpation, (d) range of motion assessment, (e)
   ligament testing, (f) strength assessment, (g) special tests, and (h) functional testing
6. Gather joint specific assessment data through assessment techniques such as (a) goniometric assessment of joint motion and (b) manual muscle testing  
7. Differentiate the use of diagnostic tests such as MRI, plain film X-rays, and CT scans  
8. Use the information obtained during the examination to (a) determine when to refer an injured patient for further or immediate medical attention, and to (b) safely return the patient to physical activity.  
9. List and differentiate between the components of medical records and the strengths and weaknesses of the various methods of recording and maintaining patient information.  
10. Use correct anatomical nomenclature to communicate (written and oral) physical examination findings to medical and health care professionals.  

REQUIRED TEXTS:  
FA Davis Publishing (2009)  
SLACK Publishing  
Clarkson HM. Musculoskeletal Assessment: Joint Range of Motion and Manual Muscle Strength (2nd Edition). Lippincott, Williams, and Wilkins Publishing  

SUPPLEMENTAL TEXTS:  

ADDITIONAL TEXTS:  
Additional reading materials for this course may be posted in WebCT, provided by the instructor, or placed on reserve at the College of Charleston Library.  

REQUIRED TECHNOLOGY  
1. Internet  
2. WebCT  
3. Microsoft Powerpoint  
4. Microsoft Word  
5. E-Reserve  
All the technology listed above can be accessed in the College of Charleston computer labs throughout campus. If you do not know how to use any of these computer applications you should arrange an appointment with the course instructor for tutoring.  

ATTENDANCE:  
You are expected to attend all lectures and laboratory meetings. If extreme circumstances necessitate an absence you will be held responsible for the class material covered during your absence. Quizzes missed due to unexcused absences will not be re-administered. YOU ARE RESPONSIBLE FOR ALL INFORMATION COVERED AND REFERRED TO IN CLASS. If you know you will be missing a class it is your responsibility to make arrangements with the instructor in advance of the missed class.  

EVALUATION CRITERIA: Lecture (3 credits)  
Examination 1 100 points  
Examination 2 100 points  
Examination 3 100 points  
Content Assessments (10 @ 10pts each) 100 points  
Journal Article Critical Thinking Questions (10@ 8 pts each) 80 points  
Research Paper  
Review of Published Article (for construct and writing style) 15 points
Literature Review Abstracts (10 @ 2.5 pts each) 25 points
Draft of Research Paper 25
Peer Review of Research Paper 15
Final Research Paper 70 points
Comprehensive Final Exam 175 points
(100 points from fourth section content and 75 points from first three exams)

TOTAL POINTS AVAILABLE 805

EVALUATION CRITERIA: Laboratory (1 credit)
Examination 1 100 points
Examination 2 100 points
Final Examination 100 points
Skill Assessments (10 @ 5 pts each) 50
All ten skill assessments will be given on the dates indicated on the schedule and administered in the last 30 minutes of class.

TOTAL POINTS AVAILABLE 350

GRADE:
One final grade will be assigned for ATEP 345, the lecture (3 credits) and one grade will be assigned for ATEP 345L, the laboratory (1 credit). Both final grades will be assigned based upon the total number of points earned. No other factors will be considered in the assigning of the final grade. The grades for ATEP 345 and ATEP 345L will be assigned according to the following table:

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*IT IS IMPORTANT TO NOTE THAT ANY STUDENT DETERMINED BY THE COLLEGE OF CHARLESTON HONOR BOARD TO BE IN VIOLATION OF ANY ASPECT OF THE HONOR CODE WILL BE ASSIGNED AN "XF" AS THE FINAL GRADE IN THIS COURSE, INDICATING FAILURE OF THE COURSE DUE TO ACADEMIC DISHONESTY.

LATE WORK POLICY
All assigned work should be turned in at the beginning of class on the respective due date. Work submitted past this time (even on the due date) will have 10 percent of the total available points deducted for each calendar day, including weekend and holiday days.

EXAMINATIONS:
Three written tests covering material presented in the lecture portion of the course will be given on the dates provided on the tentative lecture schedule. In addition, a final examination will be given on the date assigned by the College of Charleston's final examination schedule. Three oral/practical examinations will be given on the dates provided on the tentative laboratory schedule.
EXAMINATION POLICY:
You will be notified at least one week in advance if there is a change in a test date. Please note that if you miss a scheduled examination you will earn zero (0) points for that particular examination. No make-up examinations will be given for a missed examination. If extreme, unpreventable and unpredictable circumstances prevent you from attending an examination you should contact the course instructor as soon as possible. Consideration will be given on an individual case basis. If you know you will be unable to attend an examination due to an excused absence (ie: athletic participation, professional conference, etc.) you must notify the instructor at least ten days prior to the absence.

QUIZ POLICY:
Class time quizzes will be administered at an assigned time during the class or laboratory period. If you miss a scheduled quiz you should contact the course instructor as soon as possible. Consideration will be given on an individual case basis.

RESEARCH PAPER:
A well written, well-researched paper is a requirement of this course. The research paper, written on a previously approved topic, will go through peer review and revisions prior to the submission of the final work. Students will receive credit for reviewing a published article for content and construct, for reviewing content related articles, for writing a structured paper draft, for evaluating peer work, and for the quality of the resulting final paper.

CONTENT ASSESSMENTS:
On designated Wednesday laboratory sessions throughout the semester you will take ten 10-point quizzes on WebCT. Each quiz will have questions on muscles related to the current course topic and other questions based on current class topics.

JOURNAL ARTICLE CRITICAL THINKING QUESTIONS:
You will be provided ten research articles throughout the semester. By the dates indicated on the course schedule you will need to read the article and answer 4-5 short answer type questions about the article. Each article will be discussed during class meetings.

SKILL ASSESSMENTS:
On designated Wednesday laboratory sessions throughout the semester you will be given a 5 point test to assess your level of completing the current laboratory skills. The content of each skill assessment is based on current class topics.

DISABILITY STATEMENT
If there is a student in this class who has a documented disability and has been approved to receive accommodations through SNAP Services, the student should feel free to come and discuss this with me during my office hours.

HONOR CODE AND ACADEMIC INTEGRITY
It is expected that each student in this class will conduct him or herself within the guidelines of the Honor System. (See 2009-2010 Student Handbook*) All academic work should be done with the high level of honesty and integrity that this institution demands. It is important to note that any student determined by the College of Charleston Honor Board to be in violation of any aspect of the Honor Code will be assigned an "XF" as the final grade in this course, indicating failure of the course due to academic dishonesty.