Eastern Connecticut State University
Course Syllabus

Course Number: HPE 328

Course Title: Applied Anatomy and Physiology

Course Description: The structure and function of the human body with emphasis placed upon cellular, nervous, muscular and skeletal structure and function as they relate to physical activity, exercise, and sport.

Instructor: Daniel B. Switchenko, Ph.D.
Office: 246 Sports Center
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Purpose of the Course

A. To examine the structure and function of the human body and its relationship to human movement
B. To provide students with a basic knowledge of cell composition and function
C. To provide students with an understanding of membrane transport, membrane potentials and their relationship to movement
D. To provide students with an understanding of the working relationship between the nervous and the muscular systems and their role in human movement
E. To provide students with an understanding of the applied anatomy of the upper and lower limbs and their relationship to movement
F. To provide opportunities for the integration of basic interdisciplinary skills (critical thinking, problem solving) into physical education studies

Text


Learning Outcomes:

Based on NCATE/NASPE program standards for Initial Programs in Physical Education, by the end of this course, students will have the following outcomes.

1. **Outcome: Content Knowledge**
   The Eastern Connecticut State University pre-service physical education major student will understand physical education content, disciplinary concepts, skill knowledge, and tools of inquiry related to the development of a physically educated person.
2. Outcome: Planning and Instruction
The Eastern Connecticut State University pre-service physical education major student will understand how to plan and implement a variety of developmentally appropriate instructional strategies to develop physically educated individuals through pedagogical knowledge and application. Students will identify, develop, and implement appropriate instructional goals and select appropriate and safe learning experiences.

Course Evaluation
Quizzes (unannounced) 20%
Midterm I 20%
Midterm II 20%
Final (cumulative) 40%

There will be no quiz make-ups. Students must be on time to take quizzes.

Grading Standards
80%  A
70%  B
60%  C
55%  D
<55%  F

Attendance
It is strongly recommended that all classes be attended.

Professional Development Points
Opportunities will be provided throughout the semester.

*If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Office of Disability Services at (860) 465-5573. To avoid any delay in the receipt of accommodations, you should contact the office of Disability Services as soon as possible. Please understand that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Office of Disability Services. Your cooperation is appreciated.*

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