Eastern Connecticut State University
Course Syllabus

Course Number         HPE 329
Course Title           Physiological Basis of Human Movement
Course Description     The structure and function of the human body as it relates to movement. Emphasis placed upon muscular, cardiovascular, respiratory, renal, and endocrine system as they pertain to physical activity, exercise, and sport.

Instructor            Daniel B. Switchenko, Ph.D.
                      Office: 246 Sports Center
                      Office Phone: 860-465-5186
                      Home Phone: 860-423-9019

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 an understanding of the applied anatomy of the upper and lower limbs
C. To provide students with a knowledge of the structure and function of the cardiovascular system
D. To provide students with a knowledge of the alterations that occur to the cardiovascular system with exercise
E. To provide students with a knowledge of respiratory structure and function
F. To provide students with a knowledge of the changes that occur to the respiratory system with physical training
G. To provide students with a knowledge of the renal and endocrine systems
H. To provide students with a knowledge of the changes that occur to the renal and endocrine systems with exercise
I. 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**

<table>
<thead>
<tr>
<th>Quiz Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes (unannounced)</td>
<td>20%</td>
</tr>
<tr>
<td>Midterm I</td>
<td>20%</td>
</tr>
<tr>
<td>Midterm II</td>
<td>20%</td>
</tr>
<tr>
<td>Final (cumulative)</td>
<td>40%</td>
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</tbody>
</table>

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.
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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