College of Charleston  
PEHD 235 Motor Learning and Development  
Spring 2015 - 3 Semester Credit Hours

**TIME & PLACE:** T-R 9:25 AM-10:40 AM; Room 111  
Silcox Physical Education & Health Center

**INSTRUCTOR:** Miriam Klous, Ph.D.

**OFFICE HOURS:** T-R 3:00-4:30pm  
or by appointment

**OFFICE:** Room 309 Silcox Physical Education & Health Center

**PHONE/FAX:** (843) 953 5565 / (843) 953 6757

**EMAIL:** klousm@cofc.edu

**PREREQUISITES:** None

**GRADING:** A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F

**COURSE DESCRIPTION:** The course focuses on skill acquisition with primary consideration being given to the cognitive and motor processes underlying the learning of skills across the lifespan. Topics covered include (but are not limited to) motor control, attention, individual differences, practice and knowledge of results, transfer of learning and motivation.


**COURSE OBJECTIVES:**

1. To provide students with the understanding of how humans:
   a. learn
   b. develop, and
   c. control simple and complex motor movements

2. To assist students in learning about physical growth and development of systems from prenatal to adulthood
   a. maturation & aging
   b. skeletal system
   c. muscular system
   d. adipose tissue
e. endocrine and nervous systems

3. Motor skill development will be discussed and explained
   a. Infant milestones
   b. Bipedal locomotion
   c. Ballistic skills
   d. Reaching and grasping

4. Life span fitness concepts will be defined and discussed
   a. Cardio-respiratory endurance
   b. Strength
   c. Flexibility
   d. Body composition

TENTATIVE GRADING:

1. Exams                      45%
   Exam #1 (chpt. 1, 4, 5)
   Exam #2 (chpt. 1, 4, 5, 6, 7, 8, 9)
   Exam #3 (chpt. 1, 4, 5, 6, 7, 8, 9, 10, 11, 15, 16, 17)

2. Labs (3 @ 30 points each)  22%
   Lab #1 sports injuries in children
   Lab #2 Assessing Skill Development
   Lab #3 Skill Acquisition

3. Website                    22%

4. Quizzes                   11%

5. Bonus Assignments (1 points/chapter; max. 12 pts)

Final grade will be calculated using the formula:

\[ 0.45 \times \text{average grade written exam} + 0.22 \times \text{average grade labs} \\
+ 0.22 \times \text{grade website} + 0.11 \times \text{average grade quizzes} \]

GRADED ITEMS:

1. Exams: There will be 3 exams, 2 exams will be held in class while the 3rd exam will be held during final exam week. The format of the examinations will vary with the content that is being tested. Generally speaking, exams will be critical thinking, fill-in, and multiple choice format.

   **Exam #1** will cover chapters 1, 4, and 5 as well as in class discussions germane to the topics in these chapters. Questions will be derived from Lab #1.

   **Exam #2** will cover chapters 6, 7, 8, 9 as well as in class discussions germane to the topics in these chapters. Questions will be derived from Lab #1. Also, applications from concepts discussed in Unit 1 that relate to the knowledge of Unit 2 are required.

   **Exam #3** will cover chapters 10, 11, 15, 16, and 17 as well as in class discussions germane to the topics in these chapters and knowledge. Also,
applications from concepts discussed in Unit 1 and Unit 2 that relate to the knowledge of Unit 3 are required.

2. Labs: Labs will run in conjunction with the units covered in the textbook. Labs will be typed and one submission is required per group as per the outline discussed in class. Labs will be done in groups of 3-4 people and each group member will be evaluated on their contribution to the project by other group member, **SO DO YOUR PART.** Labs will be conducted outside of scheduled class time.

3. Website: You are provided with two questions. You develop a website based on the one question you pick. You work in groups of 4 and each group member is evaluated on their contribution to the project by other group members, **SO DO YOUR PART.** Development of the website is an out of class assignment. The questions and further information about the project will be provided on OAKS and in class throughout the semester.

4. Quizzes: The quizzes might be announced (or not) and given during class time or online using OAKS. Also, it can be asked to submit homework announced or unannounced. Homework will also be graded as a quiz.

6. Bonus: Submit ‘test-your-knowledge’ questions located in the book at the end of each chapter for each of the chapters covered by the exam (test 1: chapter 1, 4, 5; test 2: chapter 6-9; final exam: chapter 10, 11, 15-17). Questions must be typed and are due prior to the starting of the exam. Questions may be submitted electronically. Once the exam starts no submissions will be accepted for bonus points. One point per chapter will be awarded for a maximum of 12 points).

**EVALUATION SCALE:**

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<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>90-100%</td>
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<tr>
<td>A-</td>
<td>88-89%</td>
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<td>B+</td>
<td>85-87%</td>
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<td>B</td>
<td>80-84%</td>
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<td>B-</td>
<td>78-79%</td>
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<td>C+</td>
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<td>D</td>
<td>64-65%</td>
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<tr>
<td>D-</td>
<td>62-63%</td>
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<td>F</td>
<td>&lt;62</td>
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**ATTENDANCE POLICY:**

Class attendance is required. Attendance will be taken in every class. In agreement with the honor code, you sign the attendance sheet only for yourself. Each student is allowed 2 unexcused absences without penalty. After 2 unexcused absences, 1% per additional unexcused absence will be deducted from your final grade. If you are not present when roll is taken and choose to enter the class late you are considered tardy. Being tardy two times equal one absence. Students will be withdrawn for excessive absents (WA when > 5 unexcused absences). Excused absences do not follow the above stated policy. For an excused absence appropriate documentation must be provided from the
Undergraduate Dean’s Office. In case of an excused absence, you will be held responsible for the class material covered during your absence.

EXAMINATION AND MAKE-UP POLICY:
You will be notified at least one week in advance if there is a change in an exam date. Exams must be taken on the day assigned unless arrangements are made prior to the test date. All make up exams must be made up within one week of the original exam date. It is the students’ responsibility to make the necessary arrangements. In case of unexcused absence, exams, quizzes or submission of homework assignments that are announced or unannounced cannot be retaken/resubmitted. If a student is absent on the day of an exam or quiz, he/she will receive a zero if the professor is not notified before class time. In case of taking a make-up exam, the professor reserves the right to give you a different exam.

ASSIGNMENT POLICY: All assignments (research paper, lab, or homework are due at the beginning of class (9:25 AM) on the day they are due. Assignments can be submitted in hard copy or electronic copy to the instructor. If a copy is not received on time, 1 point will be subtracted for each hour the assignment is submitted late in the first 12 hours. After these 12 hours, 3 additional points will be subtracted for each 24 hours the assignment is submitted late (when submitting an assignment 13-37 hours late, you will lose 12 + 3 = 15 points)

ELECTRONIC DEVICE POLICY: Please turn off the sound of all electronic devices during class. NO TEXT MESSAGING or other forms of electronic communication permitted. Laptops are allowed to be used in class to take notes.

PROVISIONS FOR STUDENTS WITH SPECIAL NEEDS: The College of Charleston and I are committed to the full inclusion of all students. Students who have a documented disability and require academic accommodations should contact the instructor. Please do so during the first week of class of any accommodations needed for the course.

COLLEGE OF CHARLESTONS HONOR CODE AND ACADEMIC INTEGRITY:
Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when identified, are investigated. Each incident will be examined to determine the degree of deception involved.
Incidents where the instructor determines the student’s actions are related more to a misunderstanding will handled by the instructor. A written intervention designed to help
prevent the student from repeating the error will be given to the student. The intervention, submitted by form and signed both by the instructor and the student, will be forwarded to the Dean of Students and placed in the student’s file.

Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XF in the course, indicating failure of the course due to academic dishonesty. This grade will appear on the student’s transcript for two years after which the student may petition for the X to be expunged. The student may also be placed on disciplinary probation, suspended (temporary removal) or expelled (permanent removal) from the College by the Honor Board.

Students should be aware that unauthorized collaboration--working together without permission-- is a form of cheating. Unless the instructor specifies that students can work together on an assignment, quiz and/or test, no collaboration during the completion of the assignment is permitted. Other forms of cheating include possessing or using an unauthorized study aid (which could include accessing information via a cell phone or computer), copying from others’ exams, fabricating data, and giving unauthorized assistance.

Research conducted and/or papers written for other classes cannot be used in whole or in part for any assignment in this class without obtaining prior permission from the instructor.

Students can find the complete Honor Code and all related processes in the Student Handbook at [http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php](http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php)

**COLLEGE OF CHARLESTON STUDENT HANDBOOK:**

This is a guide to your responsibilities and rights as a student. If you are not familiar with this document, please take the time to review the information contained within the handbook. [www.cofc.edu/studentaffairs/general_info/studenthandbook.html](http://www.cofc.edu/studentaffairs/general_info/studenthandbook.html)

**TENTATIVE COURSE OUTLINE**

*It is expected that in preparation for your class you take the online quiz of the chapter that will be discussed in class the following day*

**Week 1** Introduction to PEHD 235
- Fundamental concepts – chapter 1
- January 13
- January 15: **Explanation Website**

**Week 2** Physical growth and aging – chapter 4
- January 20: **out of class assignment – organize your website**
- January 22: **Explanation lab #1 - lecture by Dr. Smail**

**Week 3** Physical growth and aging – chapter 4
- January 27
- January 29
Week 4 Development and aging of body systems – chapter 5
  February 3
  February 5

Week 5 Development and aging of body systems – chapter 5 (cont.)
  February 10
  February 12

Week 6 Development and aging of body systems – chapter 5 (cont.)
  February 17: Lab #1 due - presentations
  February 19: presentations

Week 7 Exam
  February 24: Review exam 1
  February 26: Exam 1

Week 8 SPRING BREAK!
  March 3
  March 5

Week 9 Early motor development – chapter 6
  March 10
  March 12

Week 10 Development of human locomotion – chapter 7
  March 17: Explanation Lab #2
  March 19

Week 11 Development of ballistic skills – chapter 8
  March 24
  March 26

Week 12 Development of manipulative skills – chapter 9
  March 31
  April 2

Week 13 Exam
  April 7: Lab #2 due, Explanation Lab #3
  April 9: Exam #2

  Week 14 Sensory-perceptual development – chapter 10
  April 14
  April 16
Week 15 Perception and action in development – chapter 11
   Development of cardio-respiratory endurance – chapter 15
   April 21: Website due
   April 23

Week 16
   April 28: Lab 3 due
   April 30: FINAL EXAM 8:00-11:00 AM