Instructor: Michael A. Hemphill, Ph.D.
Office: Silcox 309
Office hours: Monday 10-12:30; Tuesday 10-12:30; by appointment
Phone: (843) 953-6056
Email: HemphillMA@cofc.edu

Course meeting: Wednesday’s 4pm – 6:45pm, Education Center 204


Course Description: The course explores the unique measurement tools used for the assessment of human physical performance. Particular emphasis is placed on the design and use of instruments for assessment in body mechanics, sports skills, fitness and motor skills, as well as in the use and interpretation of standardized tests in the field. The application of statistical analysis procedures essential for the evaluation of such measures is included.

Learning Objectives: At the completion of this course, students will possess knowledge of and demonstrate competency in:

1. The role that mathematics plays in everyday life.
2. Measurement-related issues such as validity, reliability, norms, bias, scoring concerns, and ethical uses of tests and test results.
3. Concepts and relationships in number systems, including an understanding of differences among classifications of numbers and limitations of various classes of numbers.
4. The relationship between assessment and learning and of how to integrate appropriate assessments into all stages of the learning process.
5. The purposes, strengths, and limitations of formative and summative assessment and of formal and informal assessment strategies.
6. Knowledge of fundamental geometric concepts, including shapes and their properties and relationships.

Prerequisites: PEHD 201, junior standing plus MATH 104 or equivalent.

School Mission: The mission of the School of Education, Health, and Human Performance is the development of educators and health professionals to lead a diverse community of learners toward an understanding of and active participation in a highly complex world.

Center for Student Learning: I encourage you to utilize the Center for Student Learning (CSL) academic support services for assistance in study strategies and course content. They offer tutoring, Supplemental Instruction, study skills appointments, and workshops. Students of all abilities have become more successful using these programs throughout their academic career and
the services are available to you at no additional cost.

**Center for Disability Services:** The College will make reasonable accommodations for persons with documented disabilities. Students should apply at the Center for Disability Services / SNAP, located on the first floor of the Lightsey Center, Suite 104. Students approved for accommodations are responsibility for notifying me as soon as possible and for contacting me one week before accommodation is needed.

**Quiz:** A quiz will be administered to assess students’ knowledge of chapter reading assignment. To be successful on these quizzes, students must read the chapter assignments and students are encouraged to engage with supplementary questions and activities provided in the chapter. There is no provision for a make-up quiz in the event of absence.

**Electronic Devices:** Use of electronic devices is necessary during class and to complete homework assignments. Students should plan to visit OAKS frequently. The instructor encourages the use of electronic devices to enhance the academic experience. All forms of social networking, emailing, or otherwise engaging in activities irrelevant to the class is not allowed. Misuse of technology will result in an automatic absence for the class period.

**Attendance:** Students are expected to attend and participate in each class meeting. Attendance will be recorded by the instructor each class based on the following categories: Present (100%), Late (75%), Absent (0%), and Authorized Absent (no credit or penalty). An authorized absence will only apply when verifiable documentation is presented to the instructor in advance. At the end of the semester, the instructor may excuse up to 2 absences based on exemplary participation in class and group activities. Students who miss a teaching episode are not guaranteed an opportunity to make up the assignments associated with the teaching episode.

**Evaluation:**

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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</thead>
<tbody>
<tr>
<td>Quiz (5)</td>
<td>50</td>
</tr>
<tr>
<td>Practical Exercises (In-class)</td>
<td>120</td>
</tr>
<tr>
<td>Practical Exercises (Homework)</td>
<td>120</td>
</tr>
<tr>
<td>Assessment Project</td>
<td>100</td>
</tr>
<tr>
<td>Mid-term Exam</td>
<td>100</td>
</tr>
<tr>
<td>Final Exam</td>
<td>110</td>
</tr>
<tr>
<td><strong>Total Points</strong></td>
<td><strong>600</strong></td>
</tr>
</tbody>
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A = 90 – 100%  
A- = 88 – 89%  
B+ = 85 – 87%  
B = 80 – 84%  
B - = 78 – 79%  
C+ = 75 – 77%  
C = 70 – 74%  
C - = 68 – 69%  
D+ = 66 – 67%  
D = 64 – 65%  
D - = 62 – 63%  
F = < 62%
Tentative Course Schedule

1. August 26  
   Introduction to the course; Pre-test; Chapter 1  
   **Homework:** Read Fitnessgram Test Administration Manual; Read/review Chapter 1; Complete Practical Exercise 1.4

2. September 2  
   Fitnessgram Test Administration Procedures; Unit Work Sample  
   **Homework:** Unit Work Sample Contextual Factors

3. September 9  
   Fitnessgram Test Administration (tentative)  
   **Homework:** Unit Work Sample Pre-test; Read Chapter 2

4. September 16  
   Chapter 2;  
   **Homework:** Chapter 2 Application Questions; Read Chapter 3

5. September 23  
   Chapter 3;  
   **Homework:** Computing Statistics in a Spreadsheet; Read Chapter 4

6. September 30  
   Chapter 4;  
   **Homework:** Practical Exercise 4.4; Read Chapter 5

7. October 7  
   Chapter 5  
   **Homework:** Practical Exercise 5.4 & 5.7; Prepare for exam

8. October 14  
   Exam 1 (4:00 - 5:30); Review; Chapter 6  
   **Homework:** Practical Exercise “Devising a Test”; Read Chapter 7

9. October 21  
   Chapter 7  
   **Homework:** Read Chapter 11/13; Practical Exercise 7.7

10. October 28  
    Chapter 11/13  
    **Homework:** Read Chapter 16; Practical Exercise 11.4/11.7

11. November 4  
    Chapter 16  
    **Homework:** Systematic Observation Protocol; Assigned Readings (see OAKS)
12. November 11
   *Measurement in Physical Education*
   **Homework:** Fitnessgram data collection

13. November 18
    *Fitnessgram*
    **Homework:** Unit Work Sample

14. November 25
    *Thanksgiving Break*

15. December 2
    *Final presentations and exam review*

    *Final Exam Friday, December 11, 4:00pm - 7:00pm*