

## **HHPK 417-01E – Measurement & Evaluation**

Spring 2015

Location: Field House 101

M, W, F: 12-12:50p / 3 semester hours

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**Office Hours:** MW 10a-12p; W 2-3p or by appointment

### **Required Text**

Morrow, J., Jackson, A., Disch, J., and Mood, D. (2011) *Measurement and Evaluation in Human Performance*, 4<sup>th</sup> edition. Human Kinetics: Champaign, IL.

### **Course Description**

This course is intended to address the current practices in conducting data-based measurement and evaluation processes. Specifically, this course will examine statistical techniques necessary for manipulation and interpretation of various performance data. Prerequisites: Math 141 or 175 or 179 and junior or senior standing.

### **Course Objectives**

- Identify the relations between measurement concepts and basic statistics.
- Apply and demonstrate basic statistics for a set of test scores and interpret the scores in a meaningful way.
- Differentiate methods of validity and reliability evidences of health-related measures.
- Design or evaluate the various measurements or test settings and conduct evidence-based practice in exercise and sport science, physical education, and health fields.

### **Course Evaluation**

Each assignment will be worth a pre-determined amount of points. Upon the completion of the course, grades will be calculated by adding up the total number of points each student has earned and dividing it by the total amount of points available in the course. This will produce a percentage of points earned (Ex. Student earned 850 points out a possible 1000 in the course:  $850/1000 = 85\%$  "B"). Grades will be assigned based upon the percentages below.

Class Participation Activities: 200 pts

Quizzes: 100 pts

Assignments: 200 pts

Exams: 4 @ 100 pts each

Total Points = 900

Grading Scale:

A = 90-100%

B = 80-89%

C = 70-79%

D = 60-69%

F = 0-59

Students are expected to earn points toward their final grade during the course of the semester with the assignments and tests that are scheduled. Extra Credit Assignments WILL NOT be given at the end of the semester. All students are graded based on the exact same criteria and no exceptions will be made for individual assignments, tests, or final point values.

Students will receive back all graded assignments in a timely manner. Students are encouraged to keep all graded assignments as well as keep up with their grades throughout the semester. Any questions or concerns about assignments/grades should be brought to the instructor's attention immediately (i.e. Do not wait until the end of the semester)

## **Class Participation Activities/Quizzes**

In class activities will be given often and will be **unannounced** throughout the semester over the reading assignments or material covered in previous lectures. Quizzes may be short answer, multiple choice, true/false, listing, etc, and will typically be online on eCollege. *Attendance IS necessary to take the quiz or complete the activity.* See *Missed Work & Late Work* section for more information on make-ups.

## **Exams**

Four written exams will be given. The format shall include any of the following: short answer, essay, fill in the blank, multiple choice, true/false, and/or listing type questions. A blue scantron and pencil will be required for all exams. Some exams will be on eCollege. See *Missed Work & Late Work* section for more information on make-ups.

## **Worksheets/Assignments**

These assignments will be given periodically during the course as appropriate. More information will be given when assignments are made. All assignments are due at the beginning of the assigned class time to receive full credit; this includes assignments that are due when a student misses class. See *Missed Work & Late Work* section for more information.

## **Attendance**

Class attendance is **required**. Excused absences include university approved absences or those that I receive appropriate notification of (i.e. sudden/serious illness, death to immediate family member, etc.). It is the student's responsibility to notify the instructor ahead of time if they are going to miss class due to an excused absence and make arrangements for all materials and assignments that will be missed on that day. In the case of excused absences due to unavoidable or emergency situations, the student must promptly notify the instructor via phone call or email explaining the circumstances. Prompt notification is required to have an absence excused; additionally, written documentation may be required to have the absence excused. If a student misses a class, excused or unexcused, the student is responsible for obtaining all information presented and turning in all assignments by the due date. Additionally, arriving to class more than 15 minutes late or leaving class early will result in an unexcused absence, unless the instructor receives prior notification. Remember: *Poor planning on your part is not an emergency on my part.* Students with unexcused absences beyond nine (9) must meet with the instructor to determine if they need to drop the course.

Students with zero (0) unexcused absences have the option to be exempt from the final exam if they are satisfied with their course grade up to that point. Students will be notified during the week prior to finals if they qualify for this exemption. Excused absences must meet criteria outlined above.

## **Missed Work & Late Work**

Exams must be taken on the designated date and time. No make-up exams will be allowed unless prior arrangements have been made with the instructor. Under certain circumstances (situations out of your control), make-ups will be allowed at the instructor's discretion. Student's are required to contact the instructor ASAP if they happen to miss an exam and may be required to provide written documentation for the absence if a make-up is allowed. Class participation activities and quizzes will not be allowed for make-up. Students **MUST** be present to earn points for these activities regardless if absence is excused or unexcused.

All assignments are due as assigned and must be turned in on or before the due date to receive full credit. This includes assignments that are due when you have an absence. Assignments turned in beyond class time on the due date will receive zero (0) points. It is the student's responsibility to be aware of assignment due dates as the dates are included on the course schedule and posted on eCollege. Technical and computer problems associated with email and/or eCollege is not a valid excuse for turning in an assignment late.

## **eCollege**

This course will utilize your eCollege account through MyLeo. Course lecture notes, assignments, and information will be posted through this site. Some assignments, quizzes, and exams throughout this course will require using eCollege. It is the students responsibly to have internet access, check this site frequently, and become familiar with how it works. If you need assistance with eCollege, please contact: [helpdesk@online.tamuc.org](mailto:helpdesk@online.tamuc.org) or 1-866-656-5511.

## **Academic Dishonesty/Plagiarism**

It is the philosophy of Texas A&M - Commerce that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. Plagiarism is copying another's work as your own without proper acknowledgment. Be aware that the intent to deceive the reader does not have to be present for plagiarism to occur. Also ignorance of the definition of plagiarism is also not an excuse and will result in the same consequences as for someone who has knowledge of it. Plagiarism is also not restricted to copying the writings of others, nor to stealing from established authors; it also includes the ideas of your fellow students. If you are in any doubt as to whether your work constitutes plagiarism or academic dishonesty, please discuss this with me confidentially. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. (see Student's Guide Handbook).

## **Student Behavior**

Students are expected to prepare for, participate in, and attend each scheduled class. Failure to do so may/will lead to a decline in the student's overall grade. In order to succeed in this class, students should read each chapter prior to beginning that section in the course. Forming study groups to prepare for class and tests will also greatly benefit students throughout the semester. Students are also expected to behave appropriately in class and avoid being a distraction to their fellow students and the instructor. Appropriate behavior involves paying attention, actively participating, and following instructions. Cell phones (including text messaging), music, inappropriate language/gestures, and any other behavior determined to be a distraction will not be tolerated. Students who are considered to be a disturbance in class will be asked to leave.

All students enrolled at the University shall follow the tenets of common behavior statement: "All students enrolled at the university shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment." (See current Student Guidebook)

A&M-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

## **Americans with Disabilities Act (ADA) Statement**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact: Office of Student Disability Resources and Services, Gee Library Rm 132; Phone (903) 886-5150 or (903) 886-5835; Fax (903) 468-8148; [StudentDisabilityServices@tamuc.edu](mailto:StudentDisabilityServices@tamuc.edu)

**Note:** This syllabus is tentative and may be changed as the course dictates. Any changes will be posted on eCollege and sent via email to all enrolled students.

## HHPK 417 Tentative Course Schedule

|       |     |      | Class Lecture                                       | Reading Assignment | Assignment Due      |
|-------|-----|------|---|--------------------|---------------------|
| Wk 1  | Wed | 1/21 | Intro & Syllabus                                    |                    |                     |
|       | Fri | 1/23 | Independent Study - Review Ch 1-2; Email Assignment | Ch 1, 2            |                     |
| Wk 2  | Mon | 1/26 | Intro to Tests & Measurements in Human Performance  | Ch 1               |                     |
|       | Wed | 1/28 | Basic Statistical Concepts                          | Ch 2               | Email Assignment    |
|       | Fri | 1/30 | eCollege Quiz                                       | Ch 1, 2            | Quiz                |
| Wk 3  | Mon | 2/2  | Basic Statistical Concepts                          | Ch 2               |                     |
|       | Wed | 2/4  | Descriptive Stats & the Normal Distribution         | Ch 3               |                     |
|       | Fri | 2/6  | eCollege Quiz                                       | Ch 3               | Quiz                |
| Wk 4  | Mon | 2/9  | Descriptive Stats & the Normal Distribution         | Ch 3               |                     |
|       | Wed | 2/11 | Descriptive Stats & the Normal Distribution         | Ch 3               |                     |
|       | Fri | 2/13 | eCollege Assignment                                 | Ch 3               | eCollege Assignment |
| Wk 5  | Mon | 2/16 | Exam # 1 (covers Ch 1-3)                            |                    |                     |
|       | Wed | 2/18 | Correlation & Prediction                            | Ch 4               |                     |
|       | Fri | 2/20 | eCollege Quiz                                       | Ch 4               |                     |
| Wk 6  | Mon | 2/23 | Correlation & Prediction                            | Ch 4               |                     |
|       | Wed | 2/25 | Inferential Stats                                   | Ch 5               |                     |
|       | Fri | 2/27 | eCollege Quiz                                       | Ch 5               | Quiz                |
| Wk 7  | Mon | 3/2  | Inferential Stats                                   | Ch 5               |                     |
|       | Wed | 3/4  | Inferential Stats                                   | Ch 5               |                     |
|       | Fri | 3/6  | eCollege Assignment                                 | Ch 5               | eCollege Assignment |
| Wk 8  | Mon | 3/9  | Inferential Stats                                   | Ch 5               |                     |
|       | Wed | 3/11 | Exam #2 (Covers Ch 4,5)                             |                    |                     |
|       | Fri | 3/13 | eCollege Discussion                                 |                    | Discussion          |
| SP BK |     | 3/16 | No Class 3/16 to 3/20 - Spring Break                |                    |                     |
| Wk 9  | Mon | 3/23 | Reliability & Validity                              | Ch 6, 7            |                     |
|       | Wed | 3/25 | Reliability & Validity                              | Ch 6, 7            |                     |
|       | Fri | 3/27 | eCollege Quiz                                       | Ch 6, 7            | Quiz                |
| Wk 10 | Mon | 3/30 | Reliability & Validity                              | Ch 6, 7            |                     |
|       | Wed | 4/1  | Developing Written Tests & Surveys                  | Ch 8               |                     |
|       | Fri | 4/3  | eCollege Quiz                                       | Ch 8               | Quiz                |
| Wk 11 | Mon | 4/6  | Developing Written Tests & Surveys                  | Ch 8               |                     |
|       | Wed | 4/8  | Exam #3 (Covers Ch 6-8)                             |                    |                     |
|       | Fri | 4/10 | Independent Study - Review Ch 9, 10                 | Ch 9, 10           |                     |
| Wk 12 | Mon | 4/13 | Physical Fitness Assessment                         | Ch 9, 10           |                     |
|       | Wed | 4/15 | Physical Fitness Assessment                         | Ch 9, 10           |                     |
|       | Fri | 4/17 | eCollege Quiz                                       | Ch 9, 10           | Quiz                |
| Wk 13 | Mon | 4/20 | Physical Fitness Assessment                         | Ch 9, 10           |                     |
|       | Wed | 4/22 | Assessment of Sports Skills & Motor Abilities       | Ch 11              |                     |
|       | Fri | 4/24 | eCollege Quiz                                       | Ch 11              | Quiz                |
| Wk 14 | Mon | 4/27 | Assessment of Sports Skills & Motor Abilities       | Ch 11              |                     |
|       | Wed | 4/29 | Qualitative Methods and Surveys                     | Ch 12              |                     |
|       | Fri | 5/1  | eCollege Quiz                                       | Ch 12              | Quiz                |
| Wk 15 | Mon | 5/4  | Classroom Grading                                   | Ch 13              |                     |
|       | Wed | 5/6  | Performance Based Assessment                        | Ch 14              |                     |
|       | Fri | 5/8  | Independent Study - Review for Final Exam           |                    |                     |
| Wk 16 | Mon | 5/11 | Final Exam Week - Final TBA (covers Ch 9-14)        |                    |                     |