

**COURSE SYLLABUS**  
**KINE 2334**  
**TESTS AND MEASUREMENTS**  
**Fall Semester, 2013**  
**MWF 9:00-9:50**  
**NURS 104**

**COURSE DESCRIPTION**

The Tests and Measurements course is designed to give the Kinesiology Teacher Education major a background in basic statistical analysis, test design and construction, skill testing procedures, and grading strategies.

**COURSE SEQUENCE IN CURRICULUM AND PREREQUISITE INFORMATION**

Although there is no prerequisite, students should have already taken the KINE 2230- Foundations of Kinesiology class. This course should not be taken sooner than the sophomore year.

**INSTRUCTOR INFORMATION**

Name: Dr. Kylee J. Short

Email: kshort@hbu.edu

Office Phone: 281-649-2386

Office Location: Nursing 125

Office Hours: MWF 10:00-12:00; TTH 10:30-12:30; or by appointment

**LEARNING RESOURCES**

Textbook: *Measurement & Evaluation in Human Performance* (4<sup>th</sup> ed.) by Morrow

**RELATION TO THE PURPOSE STATEMENT OF THE UNIVERSITY**

University mission and purpose statement from the Houston Baptist University Catalog, 2008-2010 (p. 16-17):  
“The mission of Houston Baptist University is to provide a learning experience that instills in students a passion for academic, spiritual, and professional excellence as a result of our central confession, ‘Jesus Christ is Lord’”.

“...Committed to providing a responsible and intellectually stimulating environment that:

- fosters spiritual maturity, strength of character, and moral virtue as the foundation for successful living
- develops professional behaviors and personal characteristics for life-long learning and service to God and to the community
- meets the changing needs of the community and society
- remains faithful to the ‘**Nature of the Institution**’ statement”

“...Promotes learning, scholarship, creative endeavor, and service”.

In accordance with the university purpose (including its commitment to academic excellence, the Christian faith, personal growth, respect for all persons, a sense of community, and career preparation), this course endeavors to;

1. provide a supportive atmosphere for students from all backgrounds which fosters intellectual and social interaction in the teaching-learning process.
2. encourage academic excellence, freedom, and objectivity.
3. promote the development of critical and creative thinking, compassion, responsibility, and continuing interest in learning.

## RELATION TO COLLEGE GOALS AND PURPOSES

The School of Nursing & Allied Health emphasizes the inclusion of multiple learning approaches, challenging criteria, and the use of reliable and fair evaluations. “In accordance with the University Purpose, this course endeavors to:

1. Provide a supportive atmosphere for students from all backgrounds which fosters intellectual and social interaction in the teaching-learning process;
2. Encourage academic excellence, freedom, and objectivity;
3. Promote the development of critical and creative thinking, compassion, responsibility, and continuing interest in learning and wellness.”

## RELATION TO DEPARTMENTAL GOALS AND PURPOSES

The Kinesiology Department emphasizes the goals of the School of Nursing and Allied Health with the inclusion of multiple learning approaches including a challenging criteria and the use of reliable, fair evaluations. The School of Nursing and Allied Health also subscribes to the following beliefs:

1. Treat students with respect and kindness.
2. Assessment and standards should be consistent, challenging, fair, and performance-based.
3. Students should be actively involved in learning with activities designed for a variety of learning styles.
4. Students will have the opportunity to develop interpersonal communication, critical thinking, and technology skills.

## COURSE OBJECTIVES

### Overview/Purpose of the Course:

The Tests and Measurements course is designed to help students become better and more professional teachers. The importance of a well-constructed, clear, and concise test as an instrument of learning is the most important concept developed in this course.

Aims for the Course: The use of statistical data as a learning tool is emphasized as well as providing students with assessment experiences. Construction of knowledge tests is an important component of this class.

### Specific Objectives:

At the conclusion of this course, the student will be able to:

1. Understand and be able to use and analyze basic statistical procedures.
2. Be able to utilize the best tests available on all fitness elements.
3. Administer tests to the class and analyze the results.
4. Have experiences in written test construction and analysis.

## TEACHING STRATEGIES

Learning strategies will include lectures, class discussions, demonstrations, class presentations, and active participation in fitness testing.

**Important Note:** You are required to use and be competent with a calculator for the statistics part of this class. A simple calculator that can do square root is all you need.

## ASSESSMENT OF LEARNING

### Course Requirements:

In-Class Assignments	100pts
Attendance	100pts
<u>Exams (4@ 100 points)</u>	<u>400pts</u>
Total:	600pts.

## Grading Standards:

- A = 90%
- B = 80%
- C = 70%
- D = 60%
- F = <60%

## CLASS POLICIES

### Attendance Policy

Regular attendance in class is important for student success, and it is university policy that students must attend class. **Absences are recorded beginning from the first class session after the student has enrolled in the course. Professors are not obligated to allow students to make up work they miss due to unexcused absences. Any student who does not attend at least 75% of the scheduled class sessions will receive a grade of "F" for the course, regardless of his/her performance on other assessments such as tests, quizzes, papers, or projects.** Professors may apply additional attendance policies as appropriate to individual courses. Likewise, the college or school may also apply additional attendance requirements as necessary. Please see the catalog currently in use for the university's policy on classroom absences caused in the course of student representation of the university, such as athletics, chorale, and mock trial activities.

**Students will be allowed three (3) absences. Upon the fourth absence, the attendance grade will be decreased 10 points for each missed class period. Any missed assessments will be given a zero.**

### Academic Honesty

Please refer to the current catalog for the university's policy and procedures regarding academic honesty.

### Children in Classroom

In almost all instances, children are not allowed in the classroom nor are they allowed to be on campus unattended. Class sessions are for enrolled students only unless the instructor approves other arrangements in advance.

### Classroom Behavior Expectations

The classroom environment is to be conducive to learning and is under the authority of the instructor. In order to assure that all students have the opportunity to gain from the time spent in class, students are expected to demonstrate civil behavior in the classroom and show appropriate respect for the instructor and other students. Inappropriate behavior toward the instructor, in or out of the classroom, may result in a directive to the offending student to leave the classroom or the course entirely.

Classroom behaviors that disturb the teaching-learning experiences include the following behaviors: activated cellular phone or other device, demands for special treatment, frequent episodes of leaving and then returning to the class, excessive tardiness, leaving class early, making offensive remarks or disrespectful comments or gestures to the instructor or other students, missing deadlines, prolonged chattering, sleeping, arriving late to class, dominating discussions, shuffling backpacks or notebooks, disruption of group work, and overt inattentiveness. It is at the discretion of the instructor as to whether laptops will be allowed for use in the classroom. **Cell phones are to be turned off and put away. Do not place them on your desktop or use them during class. Students that do this will be asked to leave.**

### Early Alert

As an instructor, I am committed to your success, not only in this class, but in all aspects of HBU life. To ensure that every student takes full advantage of the educational and learning opportunities, HBU has implemented an *Academic Early Alert Referral System (EARS)*. If I think you would benefit from some of these special programs or services available to you, I will make the appropriate referral. You, in turn, will be expected to take advantage of the help offered to you.

### Email Policy

All university and class email communication will be sent to your HBU email account. You are responsible for checking this frequently. If you choose, you may reroute your HBU email to another email address. **Your emails should be in a professional format with correct spelling, capitalization, and grammar.**

### Grievance Procedures

The Academic Grievance Policy may be found in the catalog currently in use, in the Academic section of the HBU Forms section of the HBU Portal, and on the Registrar's page on the HBU Website.

### Incomplete Grades

Only the dean of the college or school may grant incompletes and only to students who have a major documented emergency in the last few days of a semester. **Students with excessive absences, which will result in failing the course, will not be allowed to take the final exam nor be eligible to receive an incomplete.**

### Late Work

Late work is unacceptable. Important Notice for Excused Absences: If a student is excused from class due to a university sanctioned event or approved occasion, the student is responsible for handing in the assignments **PRIOR** to the due date.

### Learning Disabilities/Academic Accommodations:

Houston Baptist University complies with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 regarding students with disabilities. Any student who needs learning accommodations should inform the professor immediately at the beginning of the semester that he/she will be requesting accommodations. In order to request and establish academic accommodations, the student should contact the Coordinator for Learning Disability Services at [504@hbu.edu](mailto:504@hbu.edu) to schedule an appointment to discuss and request academic accommodation services. Academic Accommodations must be applied for and written each semester. If academic accommodations are approved, a Letter of Accommodations will then be sent to the professor(s). Please refer to the website, [www.hbu.edu/504](http://www.hbu.edu/504) for all accommodation policies and procedures.

## Course Outline

Class Date	Topic	Class Assignment Due
Mon, Aug 26	Course Overview	
Wed, Aug 28	Introduction to Tests & Measurements	<u>Read:</u> Chapter 1: Concepts in Tests & Measurements
Fri, Aug 30	Introduction to Tests and Measurements Continued	<u>Read:</u> Chapter 2: Using Technology in Measurement and Evaluation
Mon, Sept 2	University Holiday: Labor Day	
Wed, Sept 4	Descriptive Statistics	<u>Read:</u> Chapter 3: Descriptive Statistics and the Normal Distribution
Fri, Sept 6	Descriptive Statistics	
Mon, Sept 9	Correlation & Prediction	<u>Read:</u> Chapter 4: Correlation and Prediction
Wed, Sept 11	Correlation & Prediction	
Fri, Sept 13	Correlation & Prediction	
Mon, Sept 16	Inferential Statistics	<u>Read:</u> Chapter 5: Inferential Statistics
Wed, Sept 18	Inferential Statistics	
Fri, Sept 20	<a href="#">Exam #1</a>	
Mon, Sept 23	Norm-Referenced Measurement	<u>Read:</u> Chapter 6: Norm-Referenced Reliability and Validity
Wed, Sept 25	Norm-Referenced Measurement	
Fri, Sept 27	Criterion-Referenced Measurement	<u>Read:</u> Chapter 7: Criterion-Referenced Reliability and Validity
Mon, Sept 30	Criterion-Referenced Measurement	
Wed, Oct 2	Formative and Summative Evaluation	

Fri, Oct 4	Formative and Summative Evaluation	
Mon, Oct 7	Reliability	<u>Read:</u> Reread Chapter 6-7
Wed, Oct 9	Validity	
Fri, Oct 11	<a href="#">Exam #2</a>	
Mon, Oct 14	Test and Survey Development	<u>Read:</u> Read Chapter 8: Developing Written Tests and Surveys
Wed, Oct 16	Test and Survey Development	
Fri, Oct 18	Risks of Fitness Testing & Special Populations	
Mon, Oct 21	Body Composition	<u>Read:</u> Chapter 9: Pgs 201-210
Wed, Oct 23	Body Composition	
Fri, Oct 25	Body Composition	
Mon, Oct 28	Flexibility/Mobility/Stability	<u>Read:</u> Chapter 9: Pgs 223-244
Wed, Oct 30	Flexibility/Mobility/Stability	
Fri, Nov 1	Flexibility/Mobility/Stability	
Mon, Nov 4	Muscular Strength & Endurance	<u>Read:</u> Chapter 9: Pgs 211-222
Wed, Nov 6	Muscular Strength & Endurance	
Fri, Nov 8	<a href="#">Exam #3</a>	
Mon, Nov 11	Cardiovascular Capacity	<u>Read:</u> Chapter 9: Pgs 193-201
Wed, Nov 13	Cardiovascular Capacity	
Fri, Nov 15	Cardiovascular Capacity	
Mon, Nov 18	Anaerobic Capacity	Available on Blackboard
Wed, Nov 20	Anaerobic Capacity	
Fri, Nov 22	Anaerobic Capacity	

Mon, Nov 25	Speed & Agility	<u>Read:</u> Chapter 11: Assessment of Sport Skills and Motor Abilities
Wed, Nov 27	Speed & Agility	
Fri, Nov 29	Thanksgiving Holiday	
Mon, Dec 2	Power	
Wed, Dec 4	Power	
Fri, Dec 6	Course Wrap-up	
TBA	<a href="#">Exam #4</a>	

**PERSON RESPONSIBLE FOR DEVELOPING SYLLABUS**

*Dr. Kylee J. Short*

\_\_\_\_\_  
Instructor's Signature

*August 26, 2013*

\_\_\_\_\_  
Date