

**KES 5314 – Diagnostic Tests and Measurements -Summer II Syllabus**  
**Department of Kinesiology & Human Performance**  
**Sul Ross State University**

**INSTRUCTOR INFORMATION**

Instructor: Brian Kiessling, Ph.D.

Email (preferred): [peter.kiessling@sulross.edu](mailto:peter.kiessling@sulross.edu) (Response time: 24hrs M-Thur; 48hrs Fri-Sun)

Zoom: Available by appointment (email to set-up)

**Required Textbook:**

Title: Measurement by the Physical Educator: Why and How 8<sup>th</sup> ed.

Author: Miller

Publisher: McGraw-Hill Education

ISBN: 9781259331008

For this course you will be required to purchase McGraw-Hill Education **Connect**® access the required textbook. Please note that Connect works best on Google Chrome or Firefox. Connect has paired with the course, so access it by logging into Blackboard and clicking on the tab.

A print-upgrade option is available via Connect if you find yourself wanting a print companion at some point during the semester. This will be a full color binder-ready version of the text and can be mailed directly to you for an additional \$25.00 (including shipping and handling).

You will also need to access the SRSU Library to locate and download peer-review, scholarly articles. For assistance you may [Ask the Library](#) or contact the [Graduate Student Center](#) for help.

**COURSE DESCRIPTION**

The study of measurement theory, statistics, and instruments used to collect data and procedures for data analysis specific to exercise and sports. Reliability and validity are the MOST IMPORTANT issues in kinesiology, sport, and exercise science. We will relate all of our work to these issues so that you can make valid decisions in kinesiology, exercise and sport science, and athletics.

Marketable Skills – The following marketable skills are met in this course:

- o Career Management
- o Collaboration
- o Communication
- o Critical Thinking

## STUDENT LEARNING OUTCOMES

- A. Students will demonstrate knowledge and abilities to utilize formative and summative fitness, skill, cognitive, and affective measurement and evaluation techniques appropriate for assessing participants in kinesiology and sports programs. This will be measured with weekly assignments and final exam.
- B. Students will be able to utilize descriptive and inferential statistics to make decisions. Measured by weekly assignments and final exam.
- C. Students will demonstrate understanding of the principals involved in assessment of groups and effective physical education programs. Measured by weekly online discussions.
- D. Students will demonstrate knowledge and understanding of the statistical procedures used in the measurement and evaluation process. Measured by weekly assignments and final exam.
- E. Students will demonstrate understanding of the principles of reliability, objectivity, and validity when making evaluative decisions about individuals and groups. Measured in weekly assignments and final exam.
- F. Students will demonstrate sound decisions when choosing fitness tests for adults and children. Measured by weekly online discussions.
- G. Students will demonstrate understanding of the principles associated with sound cognitive test development, utilization, and revision. Measured by weekly online discussions.

### Methods of Evaluation (See below 'Course Requirements' for more details)

Outcome Measure	Points per unit	Available Points	Percentage of Grade
Connect SmartBook Chapter Readings	10	180	18%
Connect Quizzes	50	150	15%
Discussions	50	200	20%
Assignments	100	400	40%
Final Project	70	70	7%
<b>Total/Final Grade*</b>	--	<b>1000</b>	<b>100%</b>

\*Letter Grading as per SRSU policy will be used in this course.

Note: Satisfactory progress in the HHP program means a cumulative GPA of 3.0 in all core classes (e.g. everything leading up to the final practicum course). In most cases, this means a 'B' or better in each class is considered satisfactory progress

### **LATE WORK POLICY**

All coursework must be submitted by the provided due dates in Blackboard or Connect. Late work will not be accepted without prior approval from Professor. Please contact me as soon as possible prior to assignment due date to make special arrangements. If you contact me before an assignment is due we can make arrangements for you to receive credit on the assignment, but once the due date has passed you will lose the points. SmartBook readings must be completed by the due date for credit.

### **ALL COURSE REQUIREMENTS DEADLINE**

Due to the time requirement for grading purposes, all course requirements must be submitted/completed by the 'Course Requirements Deadline' of *Monday August 8th at 11:59pm* to be counted for credit towards the final letter grade in this course. There will be no exceptions to this policy.

### **ACADEMIC DISHONESTY OR MISCONDUCT**

Sul Ross State University is committed to the highest standards of integrity and ethical conduct. Participating in behavior that violates academic integrity (plagiarism, etc.) will result in disciplinary action and may include: receiving a failing grade for the assignment, failing the course, and suspension and/or dismissal from the University.

### **DROP POLICY**

Students are responsible to register and withdrawal from courses themselves, either through Banner (LoboOnline) or by contacting the University Registrar by published deadlines. For information regarding enrollment/registration changes please review the website at: <http://www.sulross.edu/page/967/schedule-changes-withdrawals>

### **EXPECTATION OF STUDENTS**

Students are responsible for keeping up with the reading and are expected to read the assigned chapters and/or other posted readings prior to class in order to contribute to online discussion. This course is an accelerated summer course, so expect/plan to spend ample time each week completing course materials.

Week	Date	SmartBook Chapters	Assessments
1	July 6-10	<i>Recommend: Begin SmartBook Chapters</i>	Discussion 1 Assignment 1
2	July 11-17	SmartBook Chapters 1-4 SmartBook Chapters 5-8	Quiz 1 (Ch. 1-8) Discussion 2 Assignment 2
3	July 18-24	SmartBook Chapters 9-11 SmartBook Chapters 12-14	Quiz 2 (Ch. 9-14) Discussion 3 Assignment 3
4	July 25-31	SmartBook Chapters 15-18 <i>Recommend: Begin Final Project</i>	Discussion 4 Assignment 4
5	Aug. 1-8	All course content due by Monday Aug. 8 at 11:59pm (no exceptions- emails to Professor regarding grades must be received by this deadline for any changes to be made)	Quiz 3 (Ch. 15-18) Final Project

## COURSE REQUIREMENTS

### Connect SmartBook

-180 points total; 10 points per chapter

SmartBook is an interactive reading program provided through McGraw-Hill Connect. These modules will guide you through each individual chapter asking questions to assess your knowledge along the way. These assignments will cover information that will be on each of the chapter quizzes, as well as, information contained within your labs.

### Connect Quizzes

-150 points total; 50 points per quiz

There will be three quizzes throughout the semester that will assess your knowledge of the corresponding SmartBook assignments. Each quiz contains a mixture of information from the various chapters assigned. The quizzes will consist of mainly multiple choice questions.

### Discussions – 200pts total

-50 points each; 30 points for initial post (minimum 300 words) / 20 points (10 points per 'response'- minimum 100 words per response)

There will be a set of discussion prompts to choose from within the week in which an assignment is due. To create a thread, you click on the hyperlink to the discussion and then click on create new thread. Put a short title and the week number in the subject line (e.g. Macronutrient aspects to sports nutrition-Week 3). Please only respond directly in the message area, no attachments unless requested. **Initial posts are due on Fridays by 11:59pm.**

'Response' = "Applied"

Under each discussion post you must read and respond to one of your classmate's original discussion post. Each response is worth up to 10 points. Responses are due by Sundays at 11:59pm.

**The response must be at least 100 words** and more than "good job", "I like what you said", etc., it must be a substantial response that would be as if you were having a discussion on the topic in class.

Specifically, an "applied" response would discuss the content in a new way – including but not limited to: adding to the discussion with further information you find (cite your source), describing application to sports, health or performance, as well as providing constructive criticism / a different viewpoint. Responses should be professional/academic responses and not chat room or informal language. To respond to another's post, click on their post and then choose reply. Title the subject of your response with your "Last name" and "response to Authors Last Name Week 3 post" (eg. Kiessling's response to Smith's Week 3 post).

## Assignments-400 points total; 100 points per assignment

The assignments assigned will provide a real-world / practical application of the course content. There will be assignments throughout the semester that will focus on specific topics covered in the text.

## Final Project

-70 points total

This Final Project will require in depth application of knowledge gained throughout the course in relation to the Student Learn Outcomes stated previously in the syllabus. For detailed instructions on this assignment refer to Week 5 in Blackboard.

## **LEARNER SUPPORT**

### SRSU GRADUATE CENTER

The Graduate Student Center, located in **BAB 104**, provides resources and services for all SRSU graduate students. There is a computer lab with desktop computers and a networked printer/copier/scanner; laptop computers which can be checked out; a projector and screen for rehearsing student presentations; and a conference room for group study. Both Alpine and distance education students can receive writing and other assistance by calling 432-837-8524.

### BLACKBOARD

Navigating Blackboard and this course is essential to your success as a student. If you have problems submitting assignments, contact the support staff listed below.

Mon-Fri from 9:00 am - 6:00 pm

Tim Parsons: [tparsons@sulross.edu](mailto:tparsons@sulross.edu) / 432-837-8525

Estella Vega: [estellav@sulross.edu](mailto:estellav@sulross.edu) / 432-837-8247

### MCGRAW HILL CONNECT

If you have any technical issues or questions, please contact McGraw-Hill's Customer Experience Group at 1-800-331-5094.

### SRSU DISABILITY SERVICES

Sul Ross State University (SRSU) is committed to equal access in compliance with Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the Student's responsibility to initiate a request. Please contact me, Ms. Rebecca Greathouse Wren, M.Ed., LPC-S, Director/Counselor, Accessibility Services Coordinator, Ferguson Hall (Suite 112) at 432.837.8203; mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas 79832. Students should then contact the instructor as soon as possible to initiate the recommended accommodations.