KES 5314 – Diagnostic Tests and Measurements
Summer 2021 Online

Instructor: Chris Herrera, PhD, MBA
Office: Graves-Pierce Complex 101 / Blackboard Virtual Office Course Link
Phone: 432-837-8375
Email: christopher.herrera@sulross.edu
Office Hours: By Virtual Appointment (Make an appointment via email or Schedulicity

Required Text: Title: Measurement by the Physical Educator. 7th ed. 2013.
Author: Miller
Publisher: McGraw-Hill Higher Education
ISBN: 9780078022685

Course Description
This course targets the development of understanding in statistical methodology as it relates to the field of Kinesiology. This course includes discussion of measurement theory, statistics, and instruments used to collect data. We will review procedures for data analysis that are specific to Kinesiology and Physical Education. Students will be introduced to the different types of reliability and validity and will discuss how these concepts are used correctly and incorrectly in Physical Education. At the end of this course, students will be able to summarize, analyze, and interpret data using descriptive and inferential statistics.

Course Purpose
In this course, students will gain knowledge on the administration of a variety of tests used in Kinesiology and Physical Education and will be able to successfully assess fitness and well-being of individuals of all ages. Following this course, students will be able to administer tests, organize, analyze and interpret quantitative data obtained in a Kinesiology setting.

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

- Critical Thinking – Students will examine and develop critical thinking skills related to statistical analysis and assessment of physical fitness.
STUDENT LEARNING OUTCOMES

- 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.
- Students will be able to utilize descriptive and inferential statistics to make decisions. Measured by weekly assignments and final exam.
- Students will demonstrate understanding of the principals involved in assessment of groups and effective physical education programs. Measured by weekly online discussions.
- Students will demonstrate knowledge and understanding of the statistical procedures used in the measurement and evaluation process. Measured by weekly assignments and final exam.
- 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.
- Students will demonstrate sound decisions when choosing fitness tests for adults and children. Measured by weekly online discussions.
- Students will demonstrate understanding of the principles associated with sound cognitive test development, utilization, and revision. Measured by weekly online discussions.

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 discussions. Handouts distributed through Blackboard should be saved for future reference.
**Methods of Evaluation** (see ‘Course Requirements for more details’)

<table>
<thead>
<tr>
<th>Outcome Measure</th>
<th>Individual Points</th>
<th>Total Points</th>
<th>Percentage of Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect LearnSmart Chapter Readings</td>
<td>7-10</td>
<td>150</td>
<td>15%</td>
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<tr>
<td>Connect Quizzes</td>
<td>50</td>
<td>150</td>
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<tr>
<td>Discussions</td>
<td>50</td>
<td>200</td>
<td>20%</td>
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<tr>
<td>Assignments</td>
<td>100</td>
<td>400</td>
<td>40%</td>
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<tr>
<td>Final Project</td>
<td>100</td>
<td>100</td>
<td>10%</td>
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<tr>
<td>Final Grade*</td>
<td>--</td>
<td>1000</td>
<td>100%</td>
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*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 (i.e., everything leading up to the final practicum course). In most cases, this means a ‘B’ or better in each class is considered satisfactory progress.

**Attendance Policy**

Since this is an 100% online course, submitting assignments via Blackboard by the corresponding due date is required.

**Late Work Policy**

All coursework must be submitted by the provided due dates in Blackboard or Connect. LearnSmart readings must be completed by the due date for credit – no late work will be accepted. Discussions/Responses/Assignments/ Quizzes/Final Projects carry a 5% deduction per day late; up to 30% maximum deduction. If you have not turned in an assignment within 7 days of the due date, you must email the professor for grading consideration.
<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>LearnSmart Chapters</th>
<th>Assignments</th>
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</table>
| 1    | Jul 7-14  | LearnSmart Chapters 1-6 | Discussion 1  
|      |           |                      | Quiz 1: Chapters 1-6 |
| 2    | Jul 15-21 | *Recommend review all previous work  
Begin next week’s chapter readings if ahead* | Assignment 1  
|      |           |                      | Discussion 2  
|      |           |                      | Assignment 2 |
| 3    | Jul 22-28 | LearnSmart Chapters 7-12 | Discussion 3  
|      |           |                      | Quiz 2: Chapters 7-12 |
| 4    | Jul 29 – Aug 4 | *Recommend: review Final Assignment* | Assignment 3  
|      |           |                      | Discussion 4  
|      |           |                      | Assignment 4 - Research Critique |
| 5    | Aug 5 – Aug 8 | LearnSmart Chapters 13-18 | Quiz 3: Chapters 13-18 |
| 5.5  | Aug 9-11  | *Recommend: Complete Final Project  
***Recommend copy/save all discussions from yourself and others, and all submitted work so you can have this material for your COMP exam at the end of the program.* | Final Project |

Tentative Course Calendar
(schedule is subject to change)
COURSE REQUIREMENTS

Connect LearnSmart
150 points total; 7-11 points per chapter

LearnSmart is an interactive reading program provided through McGraw-Hill Connect. LearnSmart will guide you through each individual chapter asking questions to assess your knowledge along the way. These readings will cover information that will be on each of the chapter quizzes.

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 LearnSmart assignments. Each quiz contains a mixture of information from the various chapters assigned. The quizzes will consist of multiple choice and true/false questions.

Discussions – 200pts total
50 points each; 40 points for post / 10 points for ‘response’

There will be a discussion prompts to choose from within the week in which a discussion is due. To create a thread, you click on the hyperlink to the discussion and then click on ‘create a 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.

For each discussion post you must read and respond to one of your classmate’s discussion threads. Each response is worth up to 5 points. Responses are due 48hrs after the original discussion due date.

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 an in-class discussion.

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 sources in APA), 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. Wolpern’s response to Wolpern’s Week 3 post).

Assignments-400 points total
100 points per assignment

Assignments provide a real-world/practical application of the course content using McGraw-Hill Connect.

Final Project -100 points total

The Final Project will require in depth application of knowledge gained throughout the course in relation to the Student Learning Outcomes stated previously in the syllabus. For detailed instructions on this assignment refer to Week 8 in Blackboard.

HHP Virtual Classroom (Blackboard Collaborate)
Blackboard Collaborate is a virtual classroom that may be used between students and with the instructor anytime during this course. Using the virtual classroom is not required but will provide students with an
opportunity to interact in real-time with instructors and other students. Classroom times are CST and noted in Blackboard using ‘Virtual Classroom – Collaborate Ultra’ link.
General University Policies

Attendance and Drop Policy

In accordance with the University catalog, a student with excessive (unexcused) absences will be dropped from the course. Six absences for a Tuesday-Thursday course and nine absences for a Monday-Wednesday-Friday course is considered excessive. Students are responsible for course registration and withdrawal, using Banner (LoboOnline) or by contacting the University Registrar by published deadlines. For information regarding enrollment/registration changes please review the website http://www.sulross.edu/page/967/schedule-changes-withdrawals.

Distance Education Statement

Students enrolled in distance education courses have equal access to the university’s academic support services, such as Smarthinking, library resources, online databases, and instructional technology support. For more information about accessing these resources, visit the SRSU website. Students should correspond using Sul Ross email accounts and submit online assignments through Blackboard or designated platform, which requires secure login information to verify students’ identities and to protect students’ information. The procedures for filing a student complaint are included in the student handbook. Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies pertaining to academic honesty and appropriate student conduct, as described in the student handbook. Students in web-based courses must maintain appropriate equipment and software, according to the needs and requirements of the course, as outlined on the SRSU website.

Academic Honesty

Students are expected to do their own work. Cheating in any form will be subject to disciplinary action that can result in dismissal from the class with a grade of F. This includes plagiarism.

All of the following are considered plagiarism: (Retrieved from: http://www.plagiarism.org/)

- turning in someone else's work as your own
- copying words or ideas from someone else without giving credit
- failing to put a quotation in quotation marks
- giving incorrect information about the source of a quotation
- changing words but copying the sentence structure of a source without giving credit
- copying so many words or ideas from a source that it makes up the majority of your work, whether you give credit or not

Academic Integrity Statement

Academic integrity represents the choice to uphold ethical responsibility for one’s learning within the academic community, regardless of audience or situation. Academic dishonesty hurts everyone and reduces the value of college degrees. Doing someone else’s work, presenting the ideas and work of others as your own, submitting the same paper for multiple classes, and/or failing to cite your sources when you utilize the ideas of others, are all examples of academic dishonesty. It is your responsibility to read and understand the university’s policy on academic dishonesty in the SRSU Student
Handbook, as all violations will be taken seriously and handled through the appropriate university process. The Student Handbook can be found at: https://www.sulross.edu/page/2454/student-handbook (page 80). In addition, please note that plagiarism detection software will be used in this class for written assignments, as well as monitoring software for course exams.

Accidents & Injuries
In the case of bodily or personal property damage, the Human Performance and Kinesiology Department will not be held responsible. The student must report any field experience related injury or illness to the Instructor immediately. Any expense incurred due to injury or illness will be the student’s responsibility.

Academic Civility Statement
Students are expected to interact with professors and peers in a respectful manner that enhances the learning environment. Professors may require a student who deviates from this expectation to leave the face-to-face (or virtual) classroom learning environment for that particular class session (and potentially subsequent class sessions) for a specific amount of time. In addition, the professor might consider the university disciplinary process (for Academic Affairs/Student Life) for egregious or continued disruptive behavior.

Academic Affairs Service Statement
Sul Ross faculty, staff, and students are expected to model responsible citizenship through service activities that promote personal and academic growth while enhancing the university, local, regional, national, and global communities. These activities will foster a culture of academic/public engagement that contributes to the achievement of the university’s mission and core values.

Academic Excellence Statement
Sul Ross holds high expectations for students to assume responsibility for their own individual learning. Students are also expected to achieve academic excellence by:

- Honoring the core values of Sul Ross.
- Upholding high standards of habit and behavior.
- Maintaining excellence through class attendance and punctuality.
- Preparing for active participation in all learning experiences.
- Putting forth their best individual effort.
- Continually improving as independent learners.
- Engaging in extracurricular opportunities that encourage personal and academic growth.
- Reflecting critically upon feedback and applying these lessons to meet future challenges.

Sul Ross Bryan Wildenthal Memorial Library Statement
The Sul Ross Library offers FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library’s website, library.sulross.edu. Off-campus access requires logging in with your LoboID and password. Librarians are a tremendous resource for your coursework and can be reached in person, by email (srsulibrary@sulross.edu), or phone (432-837-8123).
**SRSU Disability Services and ADA Statement**

The University is committed to equal access in compliance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973. The Disability Services Coordinator in Counseling and Student Support Services has the responsibility to ensure students with disabilities the opportunity for full participation in programs, services and activities. Students seeking disability services need to contact the Disability Services Coordinator located in the University Center Room 211. The mailing address is PO Box C-171, Sul Ross State University, Alpine, Texas 79832. The telephone is 432-837-8178; fax is 432-837-8724.

**LEARNING 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**

Our new 24/7 Blackboard online support desk and toll-free hotline are set to debut next Monday, May 18th, the Blackboard online support desk toll free number will go live and will be made available to SRSU faculty and students to begin using immediately for any Blackboard technical support issues. SRSU 24/7 Blackboard Technical Support Online Support Desk Contact Info: Toll Free: 888.837.6055 Email: blackboardsupport@sulross.edu

**MCGRAW-HILL CONNECT**

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