



KES 4361 - Research in Kinesiology Spring 2021

Dr. Chris Herrera - Associate Professor – Kinesiology
Samantha Cardenas – Graduate Assistant - Kinesiology

Office: Grace-Pierce 101
Phone: 432/837-8375 office
Email: christopher.herrera@sulross.edu
Office Hours: M-F from 1:30pm to 330pm; or by appointment (email to request appointment).

Course Meeting: MWF from 10am-1050am

Required Text: Baumgartner, T. A., Hensley, L. D., Zhu, W., & Kulinna, P. H. (2021). Conducting & Reading Research in Kinesiology, (6th Edition). Jones & Barlett Learning
ISBN: 9781284157536

Recommended Text

American Psychological Association. (2009). Publication manual of the American Psychological Association (6th Edition). Washington, DC: American Psychological Association.

You will also need to access the SRSU Library to locate and download peer-review, scholarly articles. For assistance you may Ask the Library for help.

COURSE DESCRIPTION

In this course, students are introduced to the basic concepts and techniques that are used in scientific research. The course is divided into three sections, which cover scientific inquiry and research design, quantitative data gathering and analysis, and qualitative data gathering and analysis, respectively.

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 class discussion. Handouts distributed through Blackboard should be kept in a notebook in order to be referred to as necessary.

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

- **Collaboration** – students will interact with one another through a multitude of class activities
- **Communication** – students will present ideas in oral and written form
- **Critical Thinking** – students will be asked to critically decipher a multitude of novel data
- **Career Management** – students will develop the skills necessary to perform applied research

STUDENT LEARNING OUTCOMES

- A. Demonstrate their understanding of the basic principles and procedures of research methodology through weekly discussions and written assignments;
- B. Critically evaluate both quantitative and qualitative research studies by conducting a literature review on a topic of interest to the student;
- C. Define, give the significance of, and use key concepts in research ethics (particularly but not exclusively research with human subjects) as they apply to research design by creating and evaluating a proposed research study with informed consent documentation;
- D. Evaluate and apply appropriate research methodology by creating a research design for a specific research project of their choice.

Useful Websites for APA style and textbook purchase:

<http://www.apastyle.org/>

<http://www.apastyle.org/pubmanual.html>

<http://owl.english.purdue.edu/owl/resource/560/01/>

Attendance

Attendance for class is expected; tardiness is up to 5 mins late; absent is more than 5 min late. **Students with zero (0) absences (not including athletic related absences) and with no missing assignments will be exempt from final exam.**

Drop Policy – More than 9 absences could result in being dropped from this class

GRADING POLICIES/TESTING/ASSIGNMENTS/ATTENDANCE/EXPECTATIONS

Item	Points	% of Grade
Chapter Tests	3x100pts = 300pts	30%
APA Test	1x100pts = 100pts	10%
Reference Articles Paper	1x100pts = 100pts	10%
First Draft of Paper	1x100pts = 100pts	10%
Second Draft of Paper	1x100pts = 100pts	10%
Research Presentation	1x100pts = 100pts	10%
Final Paper	1x100pts = 200pts	20%

Grading Scale	
900 & Above	A
800-899	B
700-799	C
600-699	D
Below 600	F

LATE WORK DEDUCTION IS 5% PER DAY; FACULTY APPROVAL REQUIRED IF MORE THAN 7 DAYS LATE

Course Schedule

Week	Dates	Content	Assignments Due
1	Aug 23-27	Syllabus, Intros, Research in Kinesiology @SRSU McNair / GA Presentation Library Research Activity	Obtain book and materials
2	Aug 30-Sept 3	Ch 1 – Nature, Purpose, Process of Research Ch 2 – Descriptive Research Ch 3 – Experimental Research	Articles 1-3
3	Sept 6-10	Ch 4 – Qualitative Research Ch 5 – Historical / Action Research Ch 6 – Epidemiological Research	Test 1: Ch 1-6
4	Sept 13-17	Ch 7 – Understanding Research Process Ch 8 – Reviewing the Literature Ch 9 – Reading/Evaluating/Summarizing Research	Articles 3-6
5	Sept 20-24	Ch 10 – Developing Research Plan / Grants Ch 11 – Ethical Concerns in Research (IRB) Ch 12 – Identifying/Recruiting/Selecting Participants	Test 2: Ch 10-12
6	Sept 27-Oct 1	Workshops: Library & APA	APA Test
7	Oct 4-8	Presentations – Article Reviews	Article Paper Due
8	Oct 11-15	Practice / Prepare Draft	1 st Draft Due
9	Oct 18-22	Workshops: Peer Review & IRB	
10	Oct 25-29	Ch 13 – Measurement in Research Ch 14 – Descriptive Data Ch 15 – Inferential Data Analysis	
11	Nov 1-5	Ch 16 – Qualitative/Mixed Methods Ch 17 – Developing Research Proposal Ch 18 – Writing the Research Report	Test 3: Ch 13-18
12	Nov 8-12	Practice / Prepare 2 nd Draft	2 nd Draft Due
13	Nov 15-19	Practice / Prepare Draft	
14	Nov 22-26	Workshops - Conferences	Final Draft
15	Nov 29-Dec 3	Professional Development	
16	Dec 6-10	No Class	Final Exam

ALL COURSE REQUIREMENTS DEADLINE

Due to the time requirement for grading purposes, all course requirements must be submitted/completed by the 'Course Requirements Deadline' at Dec 3, 2021 @ 11:59pm to be counted for credit towards the final letter grade in this course. There will be no exceptions to this policy. Late deductions will apply.

Distance Education Statement

Students enrolled in distance education courses have equal access to the university's academic support services, such as 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, 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:

Each student is expected to do his or her own work. Suspected cheating will be given the rightful due process, but will be subjected to an "F" given for the assignment/exam. Plagiarized work will receive an "F" for that assignment. All written work is subject to inspection for plagiarism. The university's academic honesty policy is published in the graduate catalog.

Accidents & Injuries

In the case of bodily or personal property damage, the 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 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 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.

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 each semester for each class. Students seeking accessibility/accommodations services must contact Rebecca Greathouse Wren, LPC-S, SRSU's Accessibility Services Coordinator at 432-837-8203 (please leave a message and we'll get back to you as soon as we can during working hours), or email rebecca.wren@sulross.edu. Our office is located on the first floor of Ferguson Hall (Suite 112), and our mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas, 79832.