



KINE 3392
Research in Kinesiology
Spring 2023 - Online

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<https://calendly.com/drmoody/advising>

Permanent link to syllabus: <https://srinfo.sulross.edu/fs/9798>

Required Textbook: Physical Activity Epidemiology
Rod K. Dishman; Gregory W. Heath; Mike D. Schmidt; I-Min Lee
3rd Edition
ISBN: 9781492593010

University Bookstore - New \$143.47 / Marketplace \$128.84 / eBook \$84.40 (90 day access)

Read free online 12th Ed. - <https://twitter.com/i/events/1485315013292089345>

Cheap used 12th Ed. <https://www.amazon.com/Physical-Activity-Epidemiology-Rod-Dishman/dp/0736082867>

Recommended Text: Publication Manual (OFFICIAL) 7th Edition of the American Psychological Association (APA). 2020. ISBN: 978-1433832161

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

Purpose of the Course: A course to provide knowledge and application of basic, clinical, and applied research in kinesiology settings. Particular emphasis is given to understanding the body of work on a topic, experimental design, and the research process. Students are given opportunities to design, conduct and/or participate in a research project related to kinesiology.

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: 1) scientific inquiry and research design, 2) quantitative and qualitative data gathering and analysis, 3) results, discussion, conclusion and publication.

Student Learning Outcomes:

1. Demonstrate understanding of the basic principles and procedures of research methodology through projects and written assignments.
2. Critically evaluate both quantitative and qualitative research studies by conducting a literature review on a topic of interest to the student.
3. Define, give the significance of, and use key concepts in research ethics as they apply to research design by creating and evaluating a proposed research study with informed consent documentation.
4. Evaluate and apply appropriate research methodology by creating a research design for a specific research project of their own choice.
5. Write a complete research article or create a research presentation and seek out publication or presentation opportunities.

Useful websites for APA style:

www.apastyle.org

www.apastyle.org/pubmanual.html

owl.english.purdue.edu/owl/resource/560/01/

Kinesiology Research Websites:

<https://libguides.sjsu.edu/c.php?g=230103&p=1527186>

<https://library.queens.edu/kinesiology/websites>

Marketable Skills

The following marketable skills are achieved in this course: (these are your options)

1. Students acquire communication skills.
2. Students acquire collaboration skills.
3. Students demonstrate creativity.
4. Students demonstrate critical thinking.

Style Of Teaching:

The objectives of this course will be met through an online teaching format that will include presentations, online activities, research, and homework assignments. Students will be encouraged to remain actively involved in the class and will be responsible for reading all assigned material for this class. There is an online blackboard component required for this course. No assignments shall be accepted via email and all assignments shall be turned in on blackboard.

Attendance/Participation

There is no attendance policy for this online course.

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 Wednesday in Week 15 at 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 as per policy below.

Late Work Policy

Late work will be accepted. Each late assignment will be subject to a 5% grade reduction up to 1 week late. After 1 week (7 days) submissions will only be accepted by permission of the instructor.

GRADING POLICIES/TESTING/ASSIGNMENTS/ATTENDANCE/EXPECTATIONS

Outcome Measure	Points Per Item	Number of Items	Available Points	Percentage of Grade
Research Quizzes	25	4	100	10%
CITI Training	100	1	100	10%
Reading Research	3	50	150	15%
IRB Submission	100	2	100	10%
Research Paper	200	2	400	40%
Final Research Project	150	1	150	15%
Total/Final Grade*	-	-	1000	100%

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

*Late work is 5% deduction per day - faculty approval through email required if more than 7 days late.

COURSE REQUIREMENTS (include an explanation of the work the students will do)

I. Research Quizzes x 4

Students will be presented with a reading assignment related to the topic and will take a short quiz over the content.

- a. What is research
- b. Data gathering & analysis
- c. APA format
- d. Results, conclusions and publications

II. CITI Training

The Collaborative IRB Training Initiative (CITI) is an educational program for the protection of human subjects in research. The program involves the certification of faculty and students in general research and ethics for working with human subjects. All Key Research Personnel must complete the online CITI Training Program prior to IRB approval of a new or continuing review application. The CITI program is a self-paced course that covers the historical development of human subject protections, as well as current information on regulatory and ethical issues. The certification is good for three years. Please go into the CITI site to register and learn more about the program.

III. Learning to Read Research x 3

Students will be tasked with locating journals and articles related to assigned topics and putting them into a matrix for easy reference during the research paper writing process.

- a. Kinesiology Journals - find 5 journals that are relevant to the research topics of the class and could be potential journals for article submission of the final project.
- b. Article Search #1 - find 5 articles related to any topic of interest to you
- c. Article Search #2 - find 10 articles related to the class research topic

IV. IRB Submission

Work together with a partner to complete the IRB document for submission to the Sul Ross IRB committee for review and approval. This will include designing the research methods.

V. Research Papers x 2

- a. Paper #1 - Students will use the literature matrix to write up an introduction to the topic and a literature review of the related articles and past/recent research.
- b. Paper #2 - Students will take the data gathered from campus research and perform data analysis procedures to get research results. The results will be used to determine the research conclusion and written up in paper format.

VI. Final Research Project x 1

Students will compile all previous work to create a final project. Students will be allowed to choose one of two format options:

- a. Written Article & Journal Submission
- b. PPT or Poster Presentation & Conference Application

TENTATIVE COURSE CALENDAR - Spring 2023
KINE 3392 - Research in Kinesiology

	Content	Due Date
1	What is Research article & Quiz #1	Tues 2/7/23
2	Research Journal Matrix	Fri 2/10/23
3	5 Article Matrix	Sun 2/12/23
4	APA Format Quiz #2	Sun 2/12/23
5	Citi Training	Tues 2/14/23
6	10 Article Matrix	Fri 2/17/23
7	Research Paper #1	Sun 2/19/23
8	IRB Submission & Methods	Tues 2/21/23
9	Data Gathering & Analysis Quiz #3	ues 2/28/23
	SPRING BREAK	HAVE FUN!
10	Results, Conclusion, Publication Quiz #4	Sun 3/26/23
11	Research Paper #2	Sun 4/16/23
12	Final Research Project	Wed 4/26/23

SUL ROSS UNIVERSITY POLICIES

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.

Professional Development

All undergraduate Kinesiology majors are required to participate in continuing education activities outside of the classroom. Students must complete a total of 20 Professional Development points (PD points) prior to enrolling in Internship or Student Teaching. See the Kinesiology webpage for detailed information.

SRSU 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. 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. Directions for filing a student complaint are located in the student handbook.

SRSU Library Info

The Bryan Wildenthal Memorial Library in Alpine. 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).

Disability Statement

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. Alpine students seeking accessibility/accommodations services must contact Mary Schwartz Grisham, M.Ed., LPC, 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 mschwartz@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.

Academic Integrity Statement

Students in this class are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. A scholar is expected to be punctual, prepared, and focused; meaningful and pertinent participation is appreciated. Examples of academic dishonesty include but are not limited to: Turning in work as original that was used in whole or part for another course and/or professor; turning in another person's work as one's own; copying from professional works or internet sites without citation; collaborating on a course assignment, examination, or quiz when collaboration is forbidden.

Classroom Climate of Respect

Importantly, this class will foster free expression, critical investigation, and the open discussion of ideas. This means that all of us must help create and sustain an atmosphere of tolerance, civility, and respect for the viewpoints of others. Similarly, we must all learn how to probe, oppose and disagree without resorting to tactics of intimidation, harassment, or personal attack. No one is entitled to harass, belittle, or discriminate against another on the basis of race, religion, ethnicity, age, gender, national origin, or sexual preference. Still we will not be silenced by the difficulty of fruitfully discussing politically sensitive issues.

Diversity Statement

I aim to create a learning environment for my students that supports a diversity of thoughts, perspectives and experiences, and honors your identities (including race, gender, class, sexuality, religion, ability, socioeconomic class, age, nationality, etc.). I also understand that the crisis of COVID, economic disparity, and health concerns, or even unexpected life events could impact the conditions necessary for you to succeed. My commitment is to be there for you and help you meet the learning objectives of this course. I do this to demonstrate my commitment to you and to the mission of Sul Ross State University to create an inclusive environment and care for the whole student as part of the Sul Ross Familia. If you feel like your performance in the class is being impacted by your experiences outside of class, please don't hesitate to come and talk with me. I want to be a resource for you.

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.