



Structural Kinesiology

KINE 3301 | Fall 2026

Mondays & Wednesdays | 9:30-10:45 a.m.

16-week term: August 24-December 9, 2026 | First class meeting: Monday, August 24

COURSE FORMAT: A HYBRID ART + ANATOMY CLASS

This course uses Draw It to Know It (DITKI) as a trial instructional platform. We will learn anatomy and movement by drawing structures, labeling relationships, and connecting form to function. This is a pilot implementation, so there will be a learning curve for both the class and the instructor as we determine the most effective way to use the software and its grading tools. The grading-category weights in this syllabus will remain the course framework even if the mechanics of individual DITKI activities are adjusted.

Faculty Information

Instructor	Doug W. Renshaw, Ph.D.
Email	doug.renshaw@sulross.edu (include KINE 3301 in the subject line)
Office Phone	432-837-8661
Office Hours	Mon/Wed 9:00-9:30 a.m. & 12:30-1:30 p.m.; Tue/Thu 11:00 a.m.-1:00 p.m.; or by appointment M-F when not teaching (in person or via Teams).

Email is the best way to contact me. Use your SRSU email account, identify the course in the subject line, and communicate professionally.

Course Description

KINE 3301 Structural Kinesiology (3-0). An applied study of human musculoskeletal anatomy and the structural relationships that produce movement. Emphasis is placed on bones, joints, muscles, planes and axes of motion, muscle actions, and the analysis of human movement through repeated drawing, labeling, and functional application.

Purpose of the Course

The purpose of this course is to develop a working knowledge of musculoskeletal anatomy that can be used in exercise science, coaching, strength and conditioning, rehabilitation-related fields, and movement analysis. Rather than memorizing isolated lists of structures, students will repeatedly draw and reconstruct anatomical relationships so that the material becomes usable knowledge.

Required Platform & Daily Materials

Course Platform	Draw It to Know It (DITKI). This course does not use McGraw Hill Connect and there are no Connect assignments.
Bring Every Class	A pen and paper OR a laptop/device suitable for course work. Come prepared to draw, label, and participate every day.
Provided by Instructor	A drawing pad and colored pencils for the semester drawing work.

Important

Treat your drawing pad as a semester-long course portfolio. Bring it to class, keep it organized, and do not discard pages. I will collect the books at the end of the semester and grade the drawing category primarily for completion and consistent engagement.

Student Learning Outcomes

By the end of the course, the student will be able to:

- Use anatomical terminology accurately, including position, direction, planes, and axes of movement.
- Identify major bones, bony landmarks, joints, and connective structures relevant to human movement.
- Identify the major muscles of the trunk and extremities and describe their attachments and primary actions.
- Explain how joint structure influences available movement and functional range of motion.
- Analyze common human movements by identifying the joints, planes, axes, and muscles involved.
- Differentiate agonist, antagonist, stabilizer, and synergist roles during selected movements.
- Construct anatomical drawings and labels that demonstrate structural relationships rather than isolated memorization.
- Apply structural kinesiology concepts to exercise technique, coaching, injury-risk discussion, posture, and movement analysis.

Content Framework

- Anatomical terminology; planes, axes, and directional terms
- Osteology and arthrology
- Muscle structure, function, and terminology
- Shoulder girdle and shoulder joint
- Elbow and radioulnar joints
- Wrist and hand
- Hip and pelvis
- Knee
- Ankle and foot
- Trunk and spine
- Posture, gait, and applied movement analysis
- Integration of anatomy with exercise and functional movement

Standard Alignment

Standard II

- The physical education teacher understands major body systems, principles of physical fitness development and training, and the benefits of a healthy, active lifestyle.
- The teacher understands principles and activities for developing and maintaining cardiovascular endurance, flexibility, posture, muscular strength, and muscular endurance.
- The teacher uses knowledge of human structure and function to analyze and teach safe, effective movement.

Program Learning Outcomes

1. Movement Skills and Knowledge Domain: Students will understand principles of motor learning, practice for developing motor skills, biomechanical principles, and movement across sport, performance, recreational, and physical-activity settings.
2. Health-Related Physical Fitness Domain: Students will understand major body systems, principles of physical fitness, and activities for developing cardiovascular endurance, flexibility, muscular strength, and muscular endurance.
3. Physical Education Program Domain: Students will understand effective instruction and assessment, factors relevant to learning and performance, program structure, and professional responsibilities.

Marketable Skills

- Visual-spatial reasoning - translating three-dimensional anatomical relationships into accurate two-dimensional drawings and mental models.
- Critical thinking - analyzing movement and connecting structure, joint action, and muscle function.
- Communication - using correct anatomical language to explain movement clearly and professionally.
- Career readiness - building anatomy knowledge that transfers to exercise science, coaching, strength and conditioning, physical therapy preparation, athletic training, and related fields.
- Self-directed learning - using repeated drawing, retrieval, and correction to identify knowledge gaps and improve mastery.

Grading & Assessment

Final grades are determined by the following weighted categories:

Category	Description	Weight
Attendance	Daily presence and participation in the in-class drawing/anatomy work.	10%
Daily Drawings	Drawing-book work completed throughout the semester. Books will be collected at the end of the semester and graded primarily for completion and consistent engagement, not artistic talent.	50%
DITKI Quizzes	Quizzes completed through Draw It to Know It (DITKI) based on assigned anatomy and structural kinesiology content.	20%
Major Examination	One major examination, administered as either a midterm or final examination. The format and timing will be announced in class/Blackboard.	20%

Letter grading will follow SRSU policy. The category weights above are the controlling grading framework for the course.

How the Daily Drawing Grade Works

Daily drawings are the core of the course and therefore carry the largest weight. You are not being graded as an artist. The goal is repeated anatomical reconstruction: draw it, label it, correct it, and use the drawing to explain structure and function.

- Complete the assigned drawing work during class and keep it in the provided drawing book.
- Include labels, directional relationships, and functional notes when assigned.
- Keep the book organized and legible enough that your work can be reviewed.
- Turn in the complete drawing book when requested at the end of the semester.
- Completion, consistency, and engagement matter more than artistic quality.

DITKI Quizzes

Quizzes will be administered through Draw It to Know It (DITKI) and will account for 20% of the course grade. Because this is the first semester using DITKI in this course, quiz delivery and score-transfer procedures may be refined as we learn the platform. Any procedural adjustment will be communicated clearly and will not change the 20% category weight without a formal course announcement.

Major Examination

There will be one major examination worth 20% of the course grade. It will be administered as either a midterm or a final examination, depending on the progression of the class and the DITKI pilot. The scope, format, and date will be announced in advance through class and/or Blackboard.

Attendance & In-Class Participation

Attendance is worth 10% of the course grade because the central work of this class occurs during the class meeting itself. Structural kinesiology is learned here by actively drawing, labeling, discussing, and correcting anatomical relationships. Simply reading about anatomy later is not an equivalent substitute for the in-class process.

If you miss more than three classes without documentation provided to the professor, your final course grade may be reduced by one letter grade in addition to any effect on attendance or incomplete daily work.

Communicate early regarding university-sponsored travel, illness, emergencies, or other legitimate absences.

DITKI Trial / Pilot Expectations

Why this semester is different

DITKI is new to this course. That is intentional. The goal is to determine whether a drawing-centered platform produces better anatomical understanding than a traditional read-and-test approach. Some procedures may need refinement as we learn what works. I will be transparent about any changes, keep the grading categories stable, and avoid changing expectations after work has already been completed.

Students are expected to approach the pilot in the same spirit: participate, give constructive feedback about the software, report technical problems early, and focus on learning anatomy rather than trying to game a new grading system.

Dr. Renshaw's Course Policies

Communication is key.

I expect you to attend class, engage with course materials in Blackboard and DITKI, and complete work by the assigned deadlines. Extenuating circumstances can occur, but communication must happen as early as possible. If you do not communicate, I cannot help you build a workable plan.

Email

- Use your SRSU email account.
- Put your name and KINE 3301 in the subject line.
- Use professional language and complete sentences.
- Before emailing a routine course question, check Blackboard announcements, your SRSU email, DITKI instructions, and this syllabus.

Late Work

Late work is not accepted unless an exception is approved by the instructor because of a documented extenuating circumstance. Work not completed or submitted by the posted deadline may receive a zero. Because much of the course grade is tied to in-class drawing and participation, regular attendance and early communication are especially important.

Technology

Students are responsible for maintaining access to Blackboard and, when needed, DITKI. If you choose to use a laptop or other device in class, it should be ready before class begins. Technical problems should be reported early; waiting until a deadline to address access problems does not guarantee an extension or reopened assessment.

Academic Integrity

Cheating, plagiarism, unauthorized collaboration, and misrepresentation of work are not tolerated. Suspected violations will be handled through applicable SRSU academic-integrity procedures and may result in a zero on the affected work and additional university consequences.

For this drawing-centered course, academic integrity includes completing your own drawing-book work and your own quizzes. Copying another student's completed drawing book, submitting drawings produced by another person, or using unauthorized assistance on DITKI quizzes is academic misconduct.

Artificial Intelligence (AI) Policy

AI may support learning in this course, but it does not replace your own anatomical reasoning, drawing practice, or responsibility for submitted work.

Permitted uses

- Brainstorming study strategies, generating practice questions, or asking for clarification of anatomical concepts.
- Creating study aids when the instructor has not restricted AI use for that activity.
- Editing or clarifying your own written explanations when an assignment permits it.

Prohibited uses

- Using AI during quizzes or examinations unless explicitly permitted.
- Submitting AI-generated answers, labels, analyses, or images as your own required course work.
- Using AI to replace the required drawing process or to fabricate missing drawing-book work.
- Uploading personal, confidential, or identifiable information to generative AI systems.

Students remain responsible for the accuracy, quality, citations, and integrity of everything they submit. If an activity does not explicitly authorize AI-generated content, assume that the submitted work must represent your own effort and understanding.

Grades

Course grades will be posted in Blackboard and/or the course platform as appropriate. Students are expected to monitor their own standing using the grading weights in this syllabus and report any apparent discrepancy promptly. Because this is a DITKI pilot, some scores may be recorded or transferred manually while the grading workflow is being established.

Professional Communication & Grammar

Use complete sentences, correct terminology, and professional communication in course work and correspondence. Structural kinesiology has a technical vocabulary; imprecise language can change the meaning of an anatomical description, so accuracy matters.

Classroom Respect

This class requires students to show unfinished work, make mistakes publicly, correct drawings, and learn through repetition. Treat classmates respectfully. Harassment, intimidation, belittling, or personal attacks are not acceptable and may result in removal from the class session and referral under university policy.

Student Support & Well-Being

Mental and physical health both matter. Sul Ross provides counseling and accessibility resources for students. If outside circumstances are affecting your ability to succeed in this course, communicate with me early so that appropriate university resources and academic options can be considered.

See the current SRSU Counseling and Accessibility Services and TimelyCare information for available support services.

University Policies & Resources

Accessibility / ADA

Sul Ross State University is committed to equal access and to providing reasonable accommodations for students with documented disabilities. It is the student's responsibility to initiate accommodation requests each semester. Refer to the current SRSU Accessibility Services information for contact details and procedures.

Distance Education / Digital Course Tools

Students using Blackboard, DITKI, or other approved digital course tools have access to university academic support services, including library resources, online databases, and instructional technology support. Students should use Sul Ross email accounts and Blackboard for official course communication and are expected to follow university standards for academic honesty and student conduct.

Libraries

The Bryan Wildenthal Memorial Library provides resources and services to the SRSU community, including books, articles, databases, research support, InterLibrary Loan, and related services. Off-campus access requires SRSU credentials. Current library contact information and service details are available through the SRSU Library website.

Academic Integrity

Students are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. Submit your own work; cite sources appropriately; do not reuse another person's work as your own; do not collaborate when collaboration is prohibited; and do not use AI or other automated assistance unless the

assignment or course policy expressly permits it. Violations may result in assignment, course, and/or university consequences.

Classroom Climate of Respect

This class supports free expression, critical investigation, and open discussion of ideas. Everyone shares responsibility for maintaining an atmosphere of civility and respect. We may probe, oppose, and disagree with ideas without intimidation, harassment, discrimination, or personal attack.

Supportive Statement

My goal is to create a learning environment that supports students with varied perspectives and experiences. Unexpected life events, health concerns, and economic or personal circumstances can affect academic performance. If outside circumstances are interfering with your ability to meet course expectations, communicate with me as early as possible. I want to help you identify a realistic path forward while maintaining the learning objectives of the course.

Fall 2026 Key Dates

Date	Course / University Milestone
August 24, 2026	First day of the 16-week Fall term and first scheduled Monday meeting for KINE 3301.
August 27, 2026	Last day for late registration and schedule changes.
September 7, 2026	Labor Day - no classes.
September 9, 2026	12th class day / census date; last day to drop a 16-week course without an academic record.
November 6, 2026	Last day to withdraw from a 16-week course with a W.
November 25-27, 2026	Thanksgiving holiday period - no classes.
December 9, 2026	End of the 16-week term / final-examination period endpoint.

Blackboard announcements and assignment instructions may add course-specific deadlines. University calendar dates control when they differ from a course planning note.

Course Success Checklist

- Attend Monday/Wednesday class meetings at 9:30 a.m. prepared to draw and participate.
- Bring a pen and paper or a laptop/device to every class.
- Bring and maintain the drawing pad and colored pencils provided for the course.
- Complete the daily drawings and keep every page organized for end-of-semester collection.
- Use DITKI regularly and complete quizzes by the posted deadlines.
- Check Blackboard announcements and SRSU email regularly.
- Do not look for McGraw Hill Connect assignments. This is not a Connect course.
- Ask questions when anatomy is unclear. A wrong drawing corrected in class is useful; a memorized mistake repeated for six weeks is not.
- Use AI only within the boundaries stated in this syllabus and assignment instructions.

Quick Reference

Course Essentials	Grade Weights
Meeting: Mon/Wed, 9:30-10:45 a.m. Platform: DITKI (Draw It to Know It) Connect: None Instructor: Doug W. Renshaw, Ph.D. Email: doug.renshaw@sulross.edu	Attendance: 10% Daily Drawings: 50% DITKI Quizzes: 20% Major Exam: 20%

Keep this syllabus available throughout the semester. Blackboard announcements, DITKI instructions, and assignment directions may provide additional details for specific activities, but the policies and grading categories stated here remain the default course framework.