

Instructor

Carl Igo, PhD

Office: TRASC 110

Office Hours: M-W 10:45 – 12:15, Th 1:00 – 3:30; F 1:00 – 3:00 or by appointment

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Course Location and Time

TRASC 135

Credits: 3.0

M-W, 9:30-10:45 AM, Jan 14-Apr 29, 2026

Required Materials:

Liesveld, R., Miller, J.A., & Robinson, J. (2005). *Teach with your strengths*. Princeton, NJ: Gallup.
(provided by instructor)

Access to Blackboard and SRSU email.

Recommended Materials:

Marzano, R. J. (2017). *The new art and science of teaching: A comprehensive framework for effective instruction*. Bloomington, IL: Solution Tree Press.

Marzano, R. J., Norford, J. S., Ruyle, M. (2019). *The new art and science of classroom assessment*. Bloomington, IL: Solution Tree Press.

Talbert, B.A., Croom, B., LaRose, S.E., Vaughn, R., Lee, J. (2022) *Foundations of agricultural education* (4th ed.). West Lafayette, IN: Purdue University Press.

Supplemental Materials:

Articles, readings and videos as assigned – provided by instructor through weekly learning module in BB.

Course Description: Instructional methodology course focused on the selection and use of teaching strategies, methods/approaches and techniques; evaluating learning; and managing learning environments for teaching agricultural content in school-based agricultural education (SBAE) settings..

Course Objectives: The primary purpose of this course is to develop pre-service teachers' ability in determining instructional content and delivering instruction (i.e., what to teach and how to teach it).

Upon successful completion of this course students will:

1. emulate characteristics of a professional educator with emphasis on competencies and attitudes;
2. follow the steps of the teaching-learning process to facilitate learning;
3. use appropriate methodology for successful preparation and presentation of instruction in agricultural sciences education;
4. establish the minimum criteria for effective teaching performance; including planning, delivery, assessment, learner management and facilities management;
5. analyze best practices for classroom and laboratory instruction and learner management;
6. compare teaching methods/strategies based on subject matter, specific content and learners;
7. reflect on the human relations aspects of teaching and learning, including student recruitment and retention, and community support;
8. develop conversational literacy in the various aspects of cultural diversity, mainstreaming, modifications, accommodations and other educationally significant topics.

Course Syllabus: Due to the organizational nature of the instructor, beyond this point, this syllabus is laid out in alphabetical order by topic. If, after reviewing the information presented here, you have questions about course access, assignments, policy etc. please do not hesitate to contact the instructor.

Academic Expectations: According to SRSU Undergraduate Academic Regulations, students must:

- A. be regular and punctual in attending classes;
- B. be well prepared for classes;
- C. submit required assignments in a timely manner;
- D. take exams when scheduled;
- E. act in a respectful manner toward other students and the instructor and in a way that does not detract from the learning experience; and
- F. make and keep appointments when necessary to meet with the instructor.

In addition to the above items, students are expected to meet the additional course and behavioral standards as defined in this syllabus.

Academic Integrity: 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 instructor; 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. On all work submitted for credit by students at the university, the following pledge is either required or implied: "*On my honor, I have neither given nor received unauthorized aid in doing this assignment.*"

Academic Writing: Unless specifically noted otherwise, all written work submitted must be in Microsoft WORD™, double-spaced, 12-point Times New Roman font, pages numbered, and have 1" margins on all sides. All work submitted should follow APA 7th edition guidelines for formatting and bibliographical citations. Peer review of written work is an excellent practice and highly encouraged prior to submission of written assignments. Feedback will focus on creative problem solving and conceptual development of ideas.

In this course, you may utilize AI language models as a resource to support your writing assignments. AI language models are powerful tools developed to generate text based on the input provided. It can provide suggestions, offer alternative phrasing, and help brainstorm ideas for your written work. While the AI language models can help refine your writing, it is important to remember that it is an AI system and not a substitute for your critical thinking and creativity. If you choose to use this tool, apply it as a supplement to your writing process and do not rely solely on its suggestions. Ultimately, you are responsible for the content and quality of your written assignment. Therefore, you should critically evaluate all AI outputs for accuracy, potential bias, and relevancy. When utilizing AI language models, it is essential to ensure that your writing remains original and properly attributed, including citing outputs or text generated by the tool. Please see [How to cite ChatGPT](#) in APA Style resources. I encourage you to use AI language models to enhance your writing skills, experiment with its capabilities, and learn from its suggestions. If you have any questions or concerns regarding using AI language models for writing assignments, please discuss them with me. By acknowledging and understanding the appropriate use of AI language models, you can effectively incorporate this tool into your writing process, harnessing its potential to improve your written work while maintaining academic integrity and originality.

The University does not recommend or endorse any specific AI tools or resources. Students should be aware that many generative AI tools (e.g., ChatGPT, Google Gemini, Microsoft Copilot) store user input and may use this data to train future models. For this reason, students should never upload or share personal, confidential, or identifiable information—such as names, ID numbers, health data, or assignment submissions containing such details—into any generative AI platform. When using AI tools, students should verify whether the tool complies with student privacy standards as indicated by the University. Faculty may recommend specific tools that better align with institutional data privacy policies, but ultimate responsibility for data protection rests with users. Students are encouraged to use faculty-recommended platforms when engaging in coursework involving generative AI. The University is not liable for any adverse experience or

impact when students interact with these tools.

Accommodations for Students: 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 Ronnie Harris, LPC Counselor at 432-837-8203, email ronnie.harris@sulross.edu. The Accessibility Services office is located on the first floor of Ferguson Hall – room 112; mailing address is P.O. Box C122, Sul Ross State University, Alpine, Texas, 79832.

Add /Drop Policy: This course will follow the University drop/add policy and timeline.

Assignment Policy: It is expected that assignments will be submitted on or before the specified due date. *Assignments may be submitted after the due date and will be assessed a percentage penalty; submitted within 7 days = 15%; submitted 8-14 days = 30%; submitted 15 days & beyond = 50%.* Incompletes will only be assigned under extreme circumstances.

Assistive/Service Animal Protocol: At Sul Ross State University policy, assistive animal and service animals are under differing rules. Assistance animals are not permitted in classroom/labs; service animals, as defined under the ADA, are permitted anywhere on campus. For additional clarification reference the [SRSU Assistance Animal/Service Animal policy](#).

Attendance: Class participants will be treated as mature individuals who have developed a sense of responsibility for their education. As such, class participants will be held accountable for all material covered in class, despite valid reasons for absence. Attendance will be recorded at each class and lab session. In the case of emergency, students should contact the instructor as soon as possible after the emergency situation has been resolved. Documentation of a “university excused absence” will allow the student to make up missed work, but WILL NOT count towards earned attendance points.

Health-Related Absences: Please evaluate your own health status regularly and refrain from attending class and other on-campus events if you are ill. Students who miss class due to illness will be given opportunities to access course materials online. In the event of contagious illness, please do not come to class or to campus to turn in work. Instead notify the instructor by email about your absence as soon as practical, so that accommodations can be made. Please note that documentation (a Doctor's note) for medical excuses is not required.

Classroom Climate and Respect: It is my intent, as course instructor, that students from all backgrounds and perspectives be well-served by this course, that students' learning needs be addressed both in and beyond the course, and that the multiplicity students bring to this course be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful of all students. Your suggestions about how to improve the value of this course are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups. Hands-on participation is essential for successful completion of this course; therefore, each class member must come prepared, both physically and mentally, to take part in each class. Other specific classroom and laboratory rules will be discussed as appropriate.

We support a learning environment where individual and cultural differences are appreciated, recognized, respected and understood. We shall hold each other accountable to demonstrate diligence in recognizing and respecting differing behaviors, perspectives and worldviews. In addition, in scheduling assignments, I have attempted to avoid conflicts with major religious/cultural holidays. If, however, I have inadvertently scheduled a major deadline that creates a conflict with your religious/cultural observances, please let me know as soon as possible so that we can make other arrangements.

Collaboration: University policy states that, unless otherwise specified, students may not collaborate on graded material. Any exceptions to this policy will be stated explicitly for individual assignments. If you have any questions about the limits of collaboration, you are expected to ask for clarification.

Copyright Notice for Course Materials: U.S. copyright laws protect this syllabus, course presentations, all Blackboard™ materials and any other course materials provided throughout this term. Students enrolled in the course may use materials for their own research and educational purposes within the Educational Fair Use policy of the U.S. Copyright Office. However, reproducing, selling or otherwise distributing these materials in any manner or medium without written permission of the copyright owner is expressly prohibited.

Electronic video and/or audio recording is not permitted during class/lab unless the student obtains written permission from the instructor. If permission is granted, any distribution of the recording is prohibited.

Course Communication: Communication is a two-way interaction. Students are encouraged to stop by my office during posted office hours to ask questions, check-in or simply say hello. I also encourage you to call (phone number listed on p. 1) or email (also listed on p. 1). During the work week, I will check email multiple times through the day and will commit to responding to your communication within 48 hours. Weekend communication (noon Friday-8:00 AM Monday) will not be answered until Monday mornings after 8:00 AM. I request the same commitment from you.



All course members will be participating in the *Connecting with Students for Success* initiative at SRSU with the purpose of engaging students for academic, individual and professional success. As a part of this initiative, each student will be required to meet with me at least once by no later than Thursday, March 5. This meeting will be a portion of your grade for the course. I will be reaching out to you during Week 4 to begin scheduling appointments. Additionally, you will be rewarded for completing the Student Success online survey between Mar 30-Apr 10 to provide feedback regarding the four pillars of the CSS initiative.

Evaluation Components:

Attendance: You will earn 100 for perfect attendance. An attendance percentage will be used to determine points for less-than-perfect attendance. Attendance will be recorded for each class session. You must be present when the roll is taken in order to earn the points.

Autobiography: Each student will prepare a 3-5 page autobiography. The autobiography should include information about upbringing, educational experiences, reasons for pursuing a career in education, perceived content strengths and weaknesses, and future personal and career goals. This autobiography will be shared with teacher and students at your student teaching school.

Due Date: Feb 11.

Curriculum Model: Students will work in groups to create a four-year curriculum model for an agricultural education program within a school. Scenarios will be provided by the instructor.

Due Date: Apr 22.

Examinations: (midterm and final) Components of the examinations represent different types of test items, including, but not limited to, defining, T/F, multiple choice, short answer, problem solving, and essay. You will be given the opportunity to make some decisions to which test items you respond. While the final examination will emphasize material covered after the midterm examination, it WILL be comprehensive. Exams will be taken on the announced date and time, unless previous arrangements with the instructor have been made. In the case of a student emergency, an opportunity for a make-up exam may be given at the discretion of the instructor.

Instructional Display: Students will work in groups to create an instructional display from a theme assigned by the instructor. Evaluation criteria include appealing appearance, interesting, eye-catching and timeliness. **Due date: Feb 23.**

Student Teacher Introduction Letter/Video: A draft of the carefully edited, one-page letter/brief video of introduction required with the Student Teaching Application. Letter/Video format, development and prompts are provided on Blackboard. **Due date: Mar 23.**

Teaching Philosophy: Upon discussion/review of the various philosophies related to education, each student will prepare a 1.5-2 page personal teaching statement grounded in at least two of the established philosophies and highlighting values, beliefs and expectations for self and for students in your classroom/lab settings. The statement should be written in 1st person and should include specific examples in support main points. **Due Date: Feb 25.**

Teaching Topic Presentations: Each student will select two topics from those identified with (*) in the daily outline of this syllabus. The student will use the instructor-provided template to develop the lesson and create a classroom-based instructional sequence with appropriate teaching methodology for presenting the lesson. Students must present their lesson during class on the day the topic is identified in this syllabus. **Due Dates: Assorted.**

Evaluation Points		Evaluation Scale
Attendance	100 pts	1000-900 points = A
Autobiography	100 pts	899-800 points = B
Curriculum Model	125 pts	799-700 points = C
Final Exam	125 pts	699-600 points = D
Instructional Display	100 pts	<600 points = F
Midterm Exam	100 pts	
Student Teaching Intro Letter/Video	100 pts	
Teaching Philosophy	100 pts	
Teaching Topic Presentations (2 @ 75 pts)	<u>150 pts</u>	
TOTAL	1000 pts	

Library Information: The Bryan Wildenthal Memorial Library and Archives of the Big Bend 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).

Marketable Skills: Students successfully completing the course will gain the following marketable skills, as defined in the SRSU Agriculture BS program:

3. Students demonstrate understanding of the implications of new information for both current and future problem-solving and decision-making;
4. Students use logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions and approaches to problems;
5. Students identify complex problems and review related information to develop and evaluate options and implement solutions.

Plagiarism: Paraphrasing or quoting another's work without citing the source is a form of academic misconduct. Even inadvertent or unintentional misuse or appropriation of another's work (such as relying heavily on source material that is not expressly acknowledged) is considered plagiarism. If you have any questions about using and citing sources, you are expected to ask for clarification.

Shared Expectations:

You can expect me to:

- Provide learning opportunities that advance your knowledge and development in agricultural education.
- Be available to answer questions and provide assistance related to the course.
- Be fair in my grading and assessment of your work.
- Provide you with timely, constructive feedback on your work.
- Enjoy this class!

I will expect you to:

- Complete all assignments thoroughly, in a timely manner.
- Look at each assignment as an occasion for you to learn, and make the most of every learning opportunity.
- Be honest and submit your own original work.
- Participate in class discussions and activities; this helps you as well as all of your classmates.
- Enjoy this class!

Student Demeanor: Sul Ross State University expects all students to conduct themselves as honest, responsible and law-abiding members of the academic community and to respect the rights of other students, members of the faculty and staff and the public to use, enjoy and participate in the University programs and facilities. For additional information, reference the [SRSU Student Handbook](#).

Students are full partners in fostering a classroom environment conducive to learning. In order to assure that all students have the opportunity to gain from time spent in class; students are prohibited from engaging in any form of behavior that detracts from the learning experience of fellow students. Inappropriate behavior will result in a request for the offending student to leave class. Opposing perspectives are welcomed and encouraged. Nevertheless, class participants are expected to treat one another with the respect and dignity to which all community members are entitled. Nothing less than such democratic behavior will be acceptable. All SRSU community members will demonstrate diligence in understanding how peoples' perspectives, behaviors, and worldviews enhance us all as individuals and as a community.

Hands-on participation is essential for successful completion of this course; therefore, each class member must come prepared, both physically and mentally, to take part in each class activity. Other specific classroom rules will be discussed as appropriate.

General Rules for Classroom:

1. No food will be allowed in the classroom unless previous arrangements are made and approved.
2. You may bring a non-alcoholic drink with an appropriate lid to class. This privilege WILL be suspended if abused.
3. SRSU prohibits use of tobacco on campus. Refrain from using tobacco products in the classroom.
4. Appropriate attire is required. When you are observing in an external setting (secondary classroom, any FFA function) in addition to yourself, you are representing the AgEd program at SRSU, the University and the teaching profession. Thus, a professional demeanor and professional standard of attire is required.
5. Cell phones, tablets, laptops and other devices used for class involvement are encouraged.

Student Learning Outcomes (SACSCOC)

1. Students will demonstrate basic skills of analyzing and interpreting research-based information;
2. Students will apply critical thinking skills.
3. Students will demonstrate the ability to communicate through written, spoken and graphic media.

Student Records: All records related to this course are confidential and will not be shared with anyone, without a signed, written release. If you wish to have information from your records shared with others, you must provide written request/authorization to the instructor. Before giving such authorization, you should understand the purpose of the release and to whom and for how long the information is authorized for release.

Student Wellness: SRSU strives to create a culture of support and recognizes that your mental health and wellness are equally as important as your physical health. We want you to know it is OK if you experience difficulty, and there are several resources on campus to help you succeed emotionally, personally, and academically. Please know that if you choose to confide in me, I am required by the university to report to the Title IX Coordinator, as SRSU and I want to ensure you are connected with all the support the university can offer. You are not required to respond to outreach from the university if you do not want to do so. You can also make a report yourself, including an anonymous report, through the [SRSU Title IX Report Form](#).

TEA AFNR Educator Standards applicable in this course:

Standard I: The AFNR teacher understands the scope of agriculture and the foundations of agricultural education and applies the process of scientific discovery to the various disciplines of agriculture;

Standard IX: The AFNR teacher knows how to organize and manage an effective agriculture, food and natural resources program and how to work with school, community and industry representatives to support the program;

Standard X: The AFNR teacher knows how to plan, implement and utilize instruction and student assessment, including academic integration;

Standard X: The AFNR teacher understands and applies appropriate safety and risk management procedures and practices to ensure the safety and wellbeing of all students in the classroom, laboratory field and supervised agricultural experience (SAE).

AGED 3318 Planned Course Schedule

Week	Date	Lecture Topic and Preparation
0.5	1/14	Expectations, Standards; Teaching Philosophy
1	1/19	Martin Luther King, Jr. National Holiday: No Classes
	1/21	Philosophies related to Education
2	1/26	Learning Domains-Bloom's Taxonomy / Assignment Due Dates Revisions
	1/28	AFNR Pathways & Performance Indicators / Core & STEM Standards, NGSS
3	2/2*	Differentiation, Accommodations
	2/4*	Instructor Centered Methods: Lecture, Questioning
4	2/9*	Instructor Centered Methods: Demonstrations, Experiments, Projects
	2/11*	Instructor Centered Methods: Field Trips, Guest Speakers
		Autobiography Due
5	2/16	<i>Instructional Display Construction Day</i>
	2/18*	Student Centered Methods: Discussion, Debate, Case Study
6	2/23*	Student Centered Methods: Experiential, Inquiry-based, Role Play
		Instructional Display Due
	2/25*	Student Centered Methods: Project-based, Field-based
7	3/2	Midterm Review / Strengths-Based Teaching
	3/4	Midterm Exam
8	3/9	
	3/11	SRSU Spring Break
9	3/16	Student Centered Methods: Problems-based, Problem solving
	3/18*	Student Centered Methods: Cooperative, Demonstration, Flipped
10	3/23*	Questioning Strategies
		ST Introduction Letter / Video Due
	3/25*	Assessment Strategies – Formative & Summative
11	3/30*	Aligning Methods, Objectives and Assessment
	4/1	Curriculum Model Workday
12	4/6	Classroom Management / Building Relationships with Students
	4/8*	Pacing, timing, how much to plan
		Teaching Philosophy Due
13	4/13	Preparing for Student Teaching
	4/15	Promoting Critical Thinking
14	4/20	Lesson Detractors and De-railers
	4/22	Lesson Opening & Closing Strategies
		Curriculum Model Due
15	4/27	Professional Reflection / Teaching Improvement
	4/29	Final Exam Review
	5/1	Final Exam 10:15 AM-12:15 PM