

# Practicum of Agriculture, Food and Natural Resources

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**Room:** 1711

**Conference Hours:** 4<sup>th</sup> Period 2:55 – 4:30

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## About Me:

Howdy, my name is Mark Bindseil, and I am one of the Agricultural Science Teachers here at Burbank High School. This is my ninth-year teaching agriculture at Burbank High School. Before Burbank I taught agriculture for 15 years at Highlands High School.

Agriculture has been a major part of my life. I have a small ranch located in Blanco, Texas which is about 1 hour north of San Antonio. In high school I took Agricultural Science classes all four years. During this time I began working on a large cattle ranch in Blanco. During the time working on this ranch, I realized I wanted agriculture to be my life. I graduated from Sul Ross State University in Alpine Texas in 1994. After graduating I began working full time on this ranch as the Ranch Manager. In 2000 I decided to leave the ranch and start teaching agriculture.

I have a daughter, Megan, who is currently a senior at “THE” Texas A&M University. My favorite family members are my crazy yeller dog and the red dog.

When I am not in class, I spend most of my free time at my ranch relaxing and hunting.

## Course Overview & Objectives

### Course Description:

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources cluster. The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories.

### Course Objectives:

1. Demonstrate professional standards as required by business and industry.
2. Adhere to policies and procedures

3. Demonstrate positive work behaviors and attitudes, including, punctuality, time management, initiative, and cooperation
4. Value and use constructive criticism and critical feedback from supervisor and peers
5. Apply ethical reasoning to a variety of situations in order to make ethical decisions
6. Complete tasks with the highest standards to ensure quality products and services
7. Model professional appearance, including dress, grooming, and personal protective equipment as appropriate
8. Comply with practicum setting safety rules and regulations to maintain safe and healthful working conditions and environments
9. Applies concepts of critical thinking and problem solving
10. Analyze elements of a problem to develop creative and innovative solutions
11. Critically analyze information to determine value to the problem-solving task
12. Compare and contrast alternatives using a variety of problem-solving and critical-thinking skills
13. Conduct technical research to gather information necessary for decision making
14. Demonstrate leadership and teamwork skills to accomplish goals and objectives
15. Analyze leadership in relation to trust, positive attitude, integrity, and willingness to accept key responsibilities in a work situation
16. Demonstrate teamwork skills through working cooperatively with others to achieve tasks
17. Demonstrate teamwork processes that promote team building, consensus, continuous improvement, respect for the opinions of others, cooperation, adaptability, and conflict resolution
18. Demonstrate responsibility for shared group and individual work tasks
19. Establish and maintain effective working relationships in order to accomplish objectives and tasks
20. Demonstrate effective working relationships using interpersonal skills in order to accomplish objectives and tasks
21. Use positive interpersonal skills to negotiate and work cooperatively with others
22. Demonstrate respect for individuals, including those from different cultures, genders, and backgrounds, and value for diversity
23. Demonstrate oral and written communication skills in creating, expressing, and interpreting information and ideas, including technical terminology and information
24. Demonstrate the use of content, technical concepts, and vocabulary when analyzing information and following directions
25. Employ verbal skills when obtaining and conveying information
26. Use informational texts, Internet sites, or technical materials to review and apply information sources for occupational tasks
27. Evaluate the reliability of information from informational texts, Internet sites, or technical materials and resources
28. Interpret verbal and nonverbal cues and behaviors to enhance communication
29. Apply active listening skills to obtain and clarify information
30. Use academic skills to facilitate effective written and oral communication
31. Develop management skills for agricultural resources
32. Discuss the importance of agricultural and natural resources to individuals and society

33. Develop long-range land, water, and air quality management plans
34. Practice equipment maintenance procedures
35. Analyze the cost and maintenance of tools, equipment, and structures used in agriculture
36. Describe and develop marketing strategies for agricultural and natural resources
37. Decide between replacement, maintenance, repair, and reconditioning of agricultural vehicles and machinery
38. Describe and perform hazard analysis and follow safety laws
39. Demonstrates technical knowledge and skills required to pursue a career in the Agriculture, Food, and Natural Resources cluster
40. Develop advanced technical knowledge and skills related to the personal occupational objective
41. Evaluate strengths and weaknesses in technical skill proficiency
42. Explain the principles of safe operation of tools and equipment related to the practicum
43. Pursue opportunities for licensure or certification relating to chosen career path
44. Develops an advanced supervised agriculture experience program as it relates to agriculture, food, and natural resources
45. Plan, propose, conduct, and evaluate entrepreneurship; placement; exploratory; research, either experimental or analytical; improvement; supplementary; laboratory-based; or other identified, supervised agricultural experience as an experiential learning activity
46. Apply proper record-keeping skills as they relate to a supervised experience
47. Design and use a customized record-keeping system for the individual supervised experience
48. Employ youth leadership opportunities to create a well-rounded experience program in agriculture
49. Produce a challenging approach for a local program of activities in agriculture
50. Document technical knowledge and skills
51. Update a professional portfolio to include
52. Attainment of technical skill competencies
53. Licensures or certifications;
54. Recognitions, awards, and scholarships
55. Extended learning experiences such as community service and active participation in career and technical student organizations and professional organizations
56. Abstract of key points of the practicum
57. Résumé
58. Samples of work
59. Evaluation from the practicum supervisor
60. Present the portfolio to all interested stakeholders such as in a poster presentation.

## Materials

ICEV online personal account - this will be accessed through SAISD Classlink Single Sign in

[SAISD Classlink SSO \(Links to an external site.\)](#)

## Classroom Expectations

- Show up on time
- No inappropriate language or hand gestures
- Stay on task and focused so you do not miss anything the speaker is saying
- Respect others at all times.
- Take responsibility for their learning.
- Come to each class prepared
- Conduct themselves in a safe manner at all times.
- Contribute to class discussions and actively participate in each lesson.
- Wear required personal protective equipment (including eye and hearing protection) during all lab exercises.
- Act in a professional manner at all times.
- Be dismissed from class by the instructor (not the bell).
- Conduct themselves according to this policy during guest speakers, with substitutes and on field trips.
- Follow all instructions given by the teacher.
- Adhere to the classroom / laboratory policy at all times.
- Follow the rules and regulations set forth by the SAISD Student Code of Conduct.
- Be responsible for school issued textbooks and keep them covered at all times.
- Ask before using the restroom or leaving the classroom.

[SAISD Student Bill of Rights | Code of Conduct \(Links to an external site.\)](#)

## Grading Policy

Your final numerical grade for the course will be based on the number of points earned through a variety of learning experiences. These learning experiences will include, but are not limited to daily work, homework assignments, field and laboratory investigations, tests and major unit assignments or projects. This class offers many opportunities for hands on activities. If you choose not to participate in any of these activities you will receive a 0 (zero). This class will do many activities outside. If you choose not to participate outside you will receive a 0 (zero).

Grading Scale:

90-100...A

80-89...B

75-79...C

70-74...D

Below 70...Failing\*

\*To receive credit for a course a student must maintain an average of 70 or above in the overall

course grade.

### **Grading System:**

60% Homework, Daily assignments, quizzes, Labs

40%Test

The final semester grade for this course will be based on the following:

The semester exam will account for 15% of the final grade

**Tutorials** – I will be available for tutoring Wednesday after school from 4:30 – 5:00

## **Technical Support**

For technical issues, troubleshooting guides and to file a Help Ticket - go to [SAISD IT Support Portal \(Links to an external site.\)](#). For Canvas Learning Management System issues click on the **Help** button on the global navigation sidebar.

## **Non-discrimination statement**

It is the policy of San Antonio ISD not to discriminate on the basis of race, color, religion, national origin, age, sex, gender identity, gender expression, sexual orientation or disability in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; Section 504 of the Rehabilitation Act of 1973, as amended, and SAISD's board policies DIA, FFH, and FFI.

Es norma del distrito de San Antonio no discriminar por motivos de raza, color, religión, origen nacional, sexo, identidad de género, expresión de género, orientación sexual o discapacidad, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación, de 1972, la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda, y las pólizas DIA, FFH, y FFI de la mesa directiva de SAISD.