

Sabinal ISD - Agriculture Mechanics Instructor

Agriculture Mechanics Instructor

Sabinal ISD, Sabinal, Texas

Program of Study: Texas Agriculture, Food & Natural Resources (AFNR) – Agricultural Technology and Mechanical Systems

Reports To: Campus Principal / CTE Director

Contract: 10–12 Month (as assigned)

Position Summary:

The Agriculture Mechanics Instructor provides rigorous, hands-on instruction aligned with the Texas Agriculture, Food & Natural Resources (AFNR) Career Cluster and the Agricultural Technology and Mechanical Systems Program of Study. The instructor prepares students for postsecondary education, industry careers, and industry-based certifications—specifically American Welding Society (AWS) certification pathways—while maintaining the highest standards of shop safety, equipment maintenance, and risk management.

Primary Responsibilities:

Instruction & Curriculum

- Deliver TEKS-aligned instruction in Agriculture Mechanics courses, including but not limited to:
 - Agricultural Structures Design & Fabrication
 - Agricultural Equipment Design & Fabrication
 - Agricultural Power Systems
 - Welding I & II (SMAW, GMAW, FCAW, GTAW as appropriate)
- Integrate theory and applied learning in blueprint reading, electrical and mechanical systems, metal fabrication and tool usage, and oxy-fuel cutting and plasma cutting.
- Prepare students for industry-based certifications, including AWS Certified Welder performance qualification and NCCER (if applicable).

FFA & Student Leadership

- Serve as an advisor to the local FFA chapter.
- Support student participation in Agricultural Mechanics CDEs, welding competitions, livestock show project construction, and Leadership Development events.
- Supervise student project construction and ensure compliance with safety standards.

Administration and Fiscal/Facilities Management

- Create classroom environments conducive to learning and appropriate for the physical, social, and emotional development of students.

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- Manage student behavior in accordance with the Student Code of Conduct and student handbook.
- Accompany and supervise students at all off-campus activities.
- Oversee the process of maintaining facilities and equipment, including the school project center.
- Take all necessary and reasonable precautions to protect students, equipment, materials, and facilities.
- Assist in the selection of books, equipment, and other instructional materials.

Required Qualifications

- Valid Texas Teaching Certificate in Agriculture, Food & Natural Resources OR ability to obtain certification.
- Demonstrated experience in Agricultural Mechanics and Welding.
- Knowledge of American Welding Society standards and welding codes.
- Strong understanding of OSHA regulations and shop safety practices.
- Ability to manage a laboratory-based instructional setting.

Additional Duties

- **Communication:** Establish and maintain open communication with parents, students, principals, and teachers; maintain a professional relationship with colleagues, students, parents, and community members; use effective communication skills to present information accurately and clearly.
- **Professional Growth and Development:** Participate in staff development activities; comply with state, district, and school regulations and policies; compile, maintain, and file all required reports and documents; attend and participate in faculty meetings.
- **Supervisory Responsibilities:** Supervise assigned teacher aide(s).
- **Transportation:** Minimum Class B CDL w/ School Bus endorsement OR ability to attain

Mental/Physical & Environmental Demands

- Maintain emotional control under stress.
- Frequent district and regional travel, occasional statewide travel, prolonged and irregular hours.
- Regular lifting and carrying moderate weight, frequent standing, stooping, bending, pulling, and pushing.
- Work outside and inside, on slippery or uneven walking surfaces, and around machinery with moving parts.
- Exposure to extreme temperatures and biological and chemical hazards.