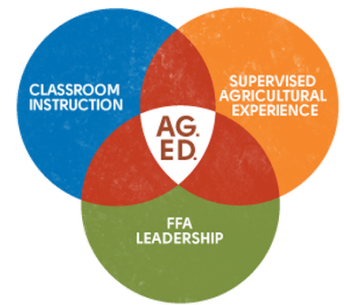


Agricultural Education Three Circle Model: *All students will receive instruction in all three circles of the Agricultural Education Three Circle Model that is approved by the federal and state governments for classroom instruction. Every student will be required to maintain a SAE, Learn about FFA and participate in those opportunities if they choose, and receive classroom/laboratory instruction. Our courses will be balanced between these three circles. Below is a list of courses that are offered currently at Snyder High School. Please email any of the teachers for more information. Their email addresses are at the end of this document. As part of the FFA circle, students will have the opportunity to try out for teams in leadership development, career development, speaking development, agriscience fair and officer positions on multiple levels.*



Principles of Ag Food And Natural Resources - 1 Credit (9-10) Teacher: Anderson/Johnson

This is the first class in the agriculture pathway. This course is a broad overview of the agriculture industry. The first semester focuses mostly on leadership development, public speaking, history of the FFA and agriculture, and parliamentary procedure. The second semester focuses on agriculture basics like basic animal science, plant science, shop tools and safety. After this course, students may choose their agricultural pathway. The Quality Counts Ethical Livestock Handling Certification will be taken in this class.

Floral Design - 1 credit (10-11) Teacher: Anderson

****This course fulfills the fine art requirement to graduate****

In this class you will learn the history of floral design, principles of design, how to properly use floral tools, and will create basic floral designs with fresh flowers. Other basic techniques and designs created in a floral shop will also be learned. Students in this course will take the Level 1 Knowledge Based Texas State Florists Association certification.

Advanced Floral Design - 1 credit (11-12) Teacher: Anderson

Prerequisite-Floral Design

This is a heavily hands on floral design course. In this class, students will learn advanced floral techniques and work on floral arrangements for resale and events. Students in this course will take the Level 1 Hands on Texas State Florists Association certification.

Small Animal Management - .5 Credit (10-11) Teacher: Johnson

Equine Science - .5 Credit (10-11) Teacher: Johnson

Livestock Production - 1 Credit (10-12) Teacher: Johnson

In the Livestock Production course, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats and poultry. Students will take the Beef Quality Assurance – Cow/Calf Certification in this course.

Agriculture Mechanics/ Metal Technology - 1 Credit (10-11) Teacher: Johnson

An introductory shop course designed to give students a well-rounded base of technical knowledge and skills. The Agricultural Mechanics & Metal Technologies course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete and metalworking techniques. Students in this course will take the AWS Welding Certification.

Agriculture Structures - 1 Credit (11-12) Teacher: Anderson

An upper level Agriculture Mechanics course that allows students to work independently and within groups to complete projects to further develop their technical skills. Past projects include; tractor restoration, firepit /smoker construction, trailer refurbishment, and various carpentry projects. Projects will be assigned according to student skill level, and previous shop experience. Students will select a project to complete in the first semester and enter it in the Scurry County Livestock Show Ag Mechanics contest. Students in this course will also have the opportunity to compete in welding build-off competitions.

Horticultural Science - 1 Credit (10-11) Teacher: Perry

This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production. Students will have the opportunity to learn in a hands-on greenhouse environment with weekly lab assignments. The BASNF Plant Science Certification will be taken in this class.

Greenhouse Operation and Production - 1 Credit (11-12) Teacher: Perry

This course is designed to develop an understanding of greenhouse production techniques and practices. To prepare for their future careers in horticultural sciences, these students will gain skills and knowledge related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. Students will have the opportunity to learn in a hands-on greenhouse environment with weekly lab assignments and will work towards a certification.

Extended Practicum in Agriculture, Food, and Natural Resources (Independent Study)

1 or 2 Credits (12) Teacher: Anderson/Perry

This course is designed to enhance a students' understanding and knowledge in their chosen Agricultural pathway. This course serves as a final class in a Program of Study. You will be challenged to deepen your thinking and to show your learned skills. Expectations include serving as a teaching assistant, completing projects as assigned, working with a student based enterprise, or working in the community.