

# Agriculture Education



Premier Leadership



Personal Growth



Career Success

## Career Pathways Offered

Agriculture Science  
Pathway:

- Agriscience – 9<sup>th</sup>
- Animal Science – 10<sup>th</sup>
- Ag Comm. – 11<sup>th</sup>
- Agribusiness -12<sup>th</sup>

Plant Systems:

- Agriscience – 9<sup>th</sup>
- Horticulture – 10<sup>th</sup>
- Nursery and Landscape – 11<sup>th</sup>
- Ag Communications-12<sup>th</sup>

Power, Structural, and  
Technical Systems  
Pathway

- Agriscience – 9<sup>th</sup>
- Ag Welding – 10<sup>th</sup>
- Ag Fabrication – 11<sup>th</sup>
- Ag Structures – 12<sup>th</sup>

## Articulation Agreements through:

- Allen County CC
- Barton County CC
- Cloud County CC
- Highland County CC
- Hutchinson County CC
- Beloit Vo-Tech



- Agriculture is the nation's largest employer, generating approximately 20% of our nation's gross national product and 20% of our national employment.
- Today's agriculture education students will be the leaders and innovators of tomorrow who will be responsible for ensuring a safe and stable food and fiber supply for the growing world population.

## Entry Level Class Descriptions

**Agriscience**—This is a introductory class designed for students in their first year of taking an Ag Class.

Agriscience is a highly active class covering a broad range of subjects. Time is spent in class regarding the following areas: Leadership, FFA, Animal Science, Food Science, Horticulture, Business, and Welding. This class is a recommended prerequisite for all classes and is available for students in grades 9-12.

**Horticulture**—This class is designed for those students interested in plant and landscape science. Students will spend time in the classroom, outside landscaping, and time working in our greenhouse in the spring. Available for anyone in grades 10-12.

**Animal Science**—This is a course designed for students that are very interested in the animal industry. Students will learn about animals native to Kansas and the Midwest both large and small. Available for anyone in grades 10-12.

**Ag Welding**—This class is designed to teach students the fundamentals of welding. Students will be able to demonstrate several different methods of welding and cutting metal as well as using types of fabrication equipment. Students will learn a great deal of problem solving in this course. After completing necessary skill work students will have time to build a welding project of their choice. Available for anyone in grades 10-12.

## Advanced Level Class Descriptions

**Ag Fabrication** – This class is designed for students wanting to take a second year of Welding and build a large welding project or several welding projects. Students in this class will spend a large majority of each semester building projects. Must have taken Ag Welding to enroll.

**Ag Structures** - This class is intended for students wanting to take a third year of Welding. Students in this class will focus on project construction while also working with students in the lower level Welding classes. Must have taken Ag Welding and Ag Fabrication.

**Agribusiness**—This is a class design for upper classmen getting ready for life after high school. They will learn the fundamentals of leadership, business, and economics through the agriculture industry. Must have completed a sophomore level Ag Class.

**Ag Communications** – This is a course designed for students wanting to go further and explore the communications and leadership side of agriculture. This course is similar to an independent study course as students will spend time working on class projects and with students in other courses.

**Nursery and Landscape** – This is a course designed for students wanting to take a second year of Horticulture. Students will spend time learning about the Nursery and Landscape industry as well as a great deal of time working on Landscaping projects & plant production in the greenhouse. Must have taken Horticulture.

