

# AGRISCIENCE

## at University High School

### *Agriscience Foundations 1 Honors\**

This honors course offers extensive experience in Agriscience. In addition to fulfilling all requirements of Agriscience Foundations 1 Honors, students will participate in a Career and Technical Education Leadership project or a Career and Technical Education Honors capstone project.

\*This honors course can be counted as an equally rigorous science credit.

### *Agritechnology 1*

This course is designed to develop competencies in the areas of Agriscience industry careers; prevention and treatment of livestock diseases; livestock anatomy; wholesale cuts of meat; animal reproduction and identification; animal safety; animal health certification; plant growth; plant fertilization; safe use of pesticides; maintenance of tools and equipment; record keeping; and employability skills.

### *Agritechnology 2*

This course is designed to develop competencies in the areas of job and training requirements; professional organizations; crop identification; planting crops; fertilizer calculations and application; irrigation; pest control; harvesting, packing, and grading crops; safe equipment operation; and finance.

### *Agriculture, Food & Natural Resources Directed Study*

This course provides students with learning opportunities in a prescribed program of study within the Agriculture, Food and Natural Resources cluster that will enhance opportunities for employment in the career field chosen by the student. The content is prescribed by the instructor based upon the individual student's assessed needs for directed study. This course may be taken only by a student who has completed a job preparatory program in the Agriculture, Food and Natural Resources career cluster.



#### CONTACT US:

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#### MOTTO:

Learning to do, doing to learn,  
earning to live, living to serve.

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The Career & Technical Education (CTE) Programs section is responsible for developing and maintaining educational programs that prepare individuals for occupations important to Florida's economic development. These programs are organized into 17 different career clusters and are geared toward middle school, high school, district technical school, and Florida College System students throughout the state. With the help of partners in education, business and industry, and trade associations, each program includes the academic and technical skills required to be successful in today's economy.

### Industry Certification:

Agriculture Associate Certification



### Benefits of this program?

Develop a professional resume

Scholarship opportunities

Full time employment opportunities upon graduation

Establish relationships with local leaders and businesses



Contact:

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