



Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Agricultural Mechanics Systems

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Agriculture, Food and Natural Resources		
HIGH SCHOOL		
EXPLORER COURSES: Choose one or more of the following courses.		
Agricultural Biotechnology	Agricultural Systems Technology 1 +	Business Communication 2
Agricultural Science 1	Biology-Agricultural Science	Environmental Technician
Agricultural Science and Technology Application *	Business Communication 1 *	Leadership Principles 1 *
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.		
Agricultural Systems Technology 2		
COMPLETER COURSES: To be a completer you must pass enough courses to earn 3.0 credits in this Pathway.		
Agricultural Mechanics, Advanced *		
Agricultural Machinery Technology		
CTE Internship		
POSTSECONDARY:		
Utah System of Higher Education: ushe.edu UtahMajors.org: Utah Majors Guide		
Utah System of Technical Colleges: utech.edu		

* concurrent enrollment course + recommended explorer course

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

There are several options for education and training beyond high school, depending on your career goals.

	1-Year Certificate	2-Year Assoc. or Tech. Degree	4-Year Bachelor's Degree
		> Hydraulic Technician > Maintenance Service Technician > Welder	> Agricultural Engineer Technician > Diesel Mechanic > Equipment Dealer Technician

Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age.

Student Testimonial

“The CTE classes I took in high school, such as agricultural systems and technology, animal science, and floriculture, have given me the basic skills, knowledge and abilities to allow me to obtain employment in any of those fields.”

Colton Zilles
 Mountain Crest High School

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Agriculture, Food & Natural Resources

UtahCTE.org: [Fact Sheet](#)

UtahFutures.org: [Occupation/Wage Search](#)

FFA

is the Career and Technical Student (CTSO) Organization for students in the Agricultural Mechanics Systems Career Pathway.

FFA.org | UtahFFA.org
[Utah FFA flyer](#)

