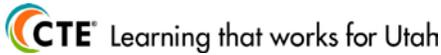


Utah Career and Technical Education Career Pathway

2018-2019 School Year



CTSO Information
 Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.
 FFA is the CTSO for students in the Agricultural Mechanics Systems Career Pathway. FFA brings relevance to the classroom through industry-based competitive events and community service.

Workforce Trends
 According to the U.S. Department of Labor, the growing interest in worldwide standardization of agricultural equipment should result in increased employment of agricultural engineers. Job opportunities should result from the increasing demand for agricultural products, the continued efforts for more efficient agricultural production, and the increasing emphasis on the conservation of resources.

Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Agricultural Mechanics Systems

| CORE CODE | FOUNDATION COURSES (required) | CREDITS | |
|------------------------------------|---|---------|--------------|
| 30.01.00.00.030 | Agricultural Systems Technology 1 | 1.00 | 2.00 credits |
| 30.01.00.00.040 | Agricultural Systems Technology 2 | 1.00 | |
| ELECTIVE COURSES | | | |
| 30.01.00.00.020 | Agricultural Machinery Technology | 1.00 | 1.00 credit |
| 30.01.00.00.001 | Agricultural Mechanics, Advanced | 1.00 | |
| 30.01.00.00.050 | Agricultural Science 1 | 1.00 | |
| 30.02.00.00.050 | Biology-Agricultural Science | 1.00 | |
| 32.02.00.00.110 | Business Communication 1 | .50 | |
| 32.02.00.00.111 | Business Communication 2 | .50 | |
| 32.02.00.00.140 | Business Management | .50 | |
| 38.03.00.00.020 | Industrial and Agricultural Technology (IAT) | 1.00 | |
| 37.01.00.00.150 | Leadership Principles 1 | 1.00 | |
| 40.10.00.00.110 | Welding Technician, Entry Level | 1.00 | |
| 40.10.00.00.112 | Welding Technician, Intermediate Level | 1.00 | |
| 40.10.00.00.114 | Welding Technician, Advanced Level | 1.00 | |
| 30.01.00.00.200 | Summer Agriculture Program | .25 | |
| | Supervised Agriculture Experience Program (capstone experience) | | |
| 41.00.00.00.030 | Workplace Skills | .50 | |
| 3.00 credits for completion | | | |

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

Agricultural Mechanics Systems is:
 > High skill
 > High demand

Sample Occupations Requiring:
High School Diploma
 > Heavy Equipment Operator
 > Truck Driver
 > Welder, Cutters, Solderers, and Brazers
Certificate
 > Hydraulic Technician
 > Maintenance Service Tech.
 > Welder
Assoc. or Technical Degree
 > Agricultural Engineer Tech.
 > Diesel Mechanic
 > Equipment Dealer Technician
Baccalaureate Degree
 > Agricultural Engineer
 > Career and Technical Education Teacher
 > Welding Engineer
Graduate or Prof. Degree
 > Geospatial Analytics Scientist
 > Postsecondary Teacher
 > Research Engineer

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

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

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

| | | | | |
|---|---------------------------|---|---------------------------------|--------------------------------------|
| 12th Grade | 1-Year Certificate | 2-Year Associate or Technical Degree | 4-Year Bachelor's Degree | More Graduate or Prof. Degree |
| Certificates are awarded upon the successful completion of a brief course of study, usually one year or less. Upon completion of a course of study, a certificate does not require any further action to retain. In high school a variety of certificates can be earned. | | An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions. In 2015-2016, 73 percent of secondary students who concentrated in a CTE Career Pathway placed in postsecondary education, advanced training, military service or employment (October 1-December 31). | | |

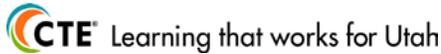
Utah Business and Industry Facts
 Utah agriculturists produce crops and livestock worth over \$1.8 billion annually.
 Students enrolled in high school agricultural courses are looking to join a \$22 billion industry in Utah and a \$992 billion industry nationwide.
 (Utah Department of Agriculture and Food)

CTE Skill Certificates
 Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.
 In 2016-2017, 105,691 CTE skill certificates were awarded to high school students. Students' knowledge and performance is demonstrated as part of the Skill Certificate process.

UtahFutures: College and Career Planning
 Visit UtahFutures.org for salary projections, labor market demand, and training options.
 In 2016-2017, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 86 percent.

Utah Career and Technical Education Career Pathway

2018-2019 School Year



CTSO Information
 Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.
 FFA is the CTSO for students in the Agricultural Production Systems Career Pathway. FFA brings relevance to the classroom through industry-based competitive events and community service.

Workforce Trends
 According to the U.S. Department of Labor, 1 in 7 Americans work in agriculture-related jobs.
 According to the Utah Farm Bureau Federation, more than 100,000 people are employed by agriculture and agribusiness in the state of Utah.

Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Agricultural Production Systems

| CORE CODE | FOUNDATION COURSES (required) | CREDITS | |
|---|---|---------|--------------|
| 30.01.00.00.050 | Agricultural Science 1 | 1.00 | 2.00 credits |
| 30.01.00.00.060 | Agricultural Science 2 | 1.00 | |
| <i>Or choose the following courses:</i> | | | |
| 30.02.00.00.040 | Animal Science 1 | 1.00 | |
| 30.02.00.00.080 | Plant and Soil Science 1 | 1.00 | |
| ELECTIVE COURSES | | | |
| 30.02.00.00.001 | Animal Science 2 | 1.00 | |
| 30.01.00.00.116 | Aquaculture, Introduction | 1.00 | |
| 30.02.00.00.050 | Biology-Agricultural Science | 1.00 | |
| 32.02.00.00.140 | Business Management | .50 | |
| 32.02.00.00.110 | Business Communication 1 | .50 | |
| 32.02.00.00.111 | Business Communication 2 | .50 | |
| 37.01.00.00.150 | Leadership Principles 1 | 1.00 | |
| 30.01.00.00.200 | Summer Agriculture Program | .25 | |
| | Supervised Agriculture Experience Program (capstone experience) | | |
| 41.00.00.00.030 | Workplace Skills | .50 | |
| 3.00 credits for completion | | | |

Foundation courses taken beyond the required credits can be used as elective credit.

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

Agricultural Production Systems is:
 > High skill
 > High wage
 > High demand

Sample Occupations Requiring:
High School Diploma
 > Buyer and Purchasing Agent, Farm Products
 > Farm/Ranch Worker/Manager
 > Pesticide Handler, Sprayer, and Applicator

Certificate
 > Crop Scout
 > Pesticide Handler/Applicator
 > Storage and Hygiene Coord.

Assoc. or Technical Degree
 > Agricultural Engineer Tech.
 > Sales Representative
 > Slaughter/Processor

Baccalaureate Degree
 > Agricultural Inspectors
 > Career and Technical Education Teacher
 > Farm/Ranch Manager

Graduate or Prof. Degree
 > Biotechnology Research
 > Extension Specialist
 > Research Scientist

Student Testimonial
 "My CTE classes and my leadership experience in 4-H and FFA have laid a strong foundation on which I can build upon. I have learned crucial values, including hard work, dedication, and responsibility. I plan to go college to complete a teaching degree. I like the idea of 'paying it forward.' I have had a wonderful education experience and I hope to provide that for the future students I will teach."
 Kaitlin Hallam

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

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

| | | | | |
|---|---------------------------|---|---------------------------------|--------------------------------------|
| 12th Grade | 1-Year Certificate | 2-Year Associate or Technical Degree | 4-Year Bachelor's Degree | More Graduate or Prof. Degree |
| Certificates are awarded upon the successful completion of a brief course of study, usually one year or less. Upon completion of a course of study, a certificate does not require any further action to retain. In high school a variety of certificates can be earned. | | An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions. In 2015-2016, 73 percent of secondary students who concentrated in a CTE Career Pathway placed in postsecondary education, advanced training, military service or employment (October 1-December 31). | | |

Utah Business and Industry Facts
 In Utah, there are 18,100 farms with 11,000 acres in production. The poultry industry is huge with 7.5 million birds, layers, pullets, and turkeys.
 Utah is also home to 777,000 head of cattle and 732,000 head of hogs.
 Utah Agriculture contributes more than 15 percent to the state's economy.

CTE Skill Certificates
 Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

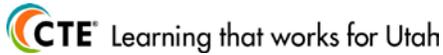
UtahFutures: College and Career Planning
 Visit UtahFutures.org for salary projections, labor market demand, and training options.

In 2016-2017, 105,691 CTE skill certificates were awarded to high school students. Students' knowledge and performance is demonstrated as part of the Skill Certificate process.

In 2016-2017, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 86 percent.

Utah Career and Technical Education Career Pathway

2018-2019 School Year



CTSO Information
 Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.

FCCLA is the CTSO for students in the Food Science, Dietetics and Nutrition Career Pathway. FCCLA provides students with opportunities to attain the knowledge, skills, and leadership characteristics necessary to succeed in life and careers.

Workforce Trends
 Nationwide, dietitians and nutritionists held 66,700 jobs in 2014. Employment of dietitians and nutritionists is projected to increase 16.4 percent through the year 2024.

In Utah, a dietitian and a nutritionist must be licensed.

Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Food Science, Dietetics & Nutrition

| CORE CODE | FOUNDATION COURSES (required) | CREDITS | |
|------------------------------------|--------------------------------|---------|--------------|
| 34.01.00.00.180 | Food Science | .50 | 1.00 credit |
| 34.01.00.00.160 | Food and Nutrition 2 | .50 | |
| 34.01.00.00.185 | Foundations of Nutrition * | .50 | |
| ELECTIVE COURSES | | | |
| 34.01.00.00.150 | Food and Nutrition 1 | .50 | 2.00 credits |
| 36.01.00.00.090 | Health Science, Introduction | .50 | |
| 34.01.00.00.197 | Human Development | 1.00 | |
| 36.01.00.00.110 | Medical Anatomy and Physiology | 1.00 | |
| 41.00.00.00.030 | Workplace Skills | .50 | |
| 3.00 credits for completion | | | |

* Course can be taken up to 1.00 credit.

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

Food Science, Dietetics & Nutrition is:
 > High skill

Sample Occupations Requiring:
High School Diploma
 > Nutrition and Wellness Coach
 > Food Product Technician
 > Packaging Manager Product Grader

Certificate
 > Food Protections Manager
 > Food Inspector Assistant
 > Food Sanitation Coordinator

Assoc. or Technical Degree
 > Research and Development Technician

Baccalaureate Degree
 > Career and Technical Education Teacher
 > Dietitian/Nutritionist
 > Food Scientist
 > Nutrition Education Specialist
 > Research Technician

Graduate or Prof. Degree
 > Food Microbiologist
 > Food Nutritionist
 > Food/Research Scientist

Student Testimonial
 "Participating in a CTE Internship helped me to experience the reality of being a dietitian. I participated in a number of activities, including recipe construction, consultations, and food preparation. I learned of the mandatory jobs and skills one must have, the schooling and preparation required."
 Melissa DeFriez

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

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

| 12th Grade | 1-Year Certificate | 2-Year Associate or Technical Degree | 4-Year Bachelor's Degree | More Graduate or Prof. Degree |
|---|--------------------|---|--------------------------|-------------------------------|
| Certificates are awarded upon the successful completion of a brief course of study, usually one year or less. Upon completion of a course of study, a certificate does not require any further action to retain. In high school a variety of certificates can be earned. | | An academic degree is an award for the completion of a program or course of study over multiple years at postsecondary education institutions. In 2015-2016, 73 percent of secondary students who concentrated in a CTE Career Pathway placed in postsecondary education, advanced training, military service or employment (October 1-December 31). | | |

Utah Business and Industry Facts
 From hospitals to care facilities to grocery stores to schools, businesses and organizations in Utah utilize the expertise of dietitians and nutritionists.

According to the Utah Department of Workforce Services, there are more than 400 dietitians and nutritionists in the state. By the year 2020, an additional 100 nutrition professionals are projected to join the workforce.

CTE Skill Certificates
 Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

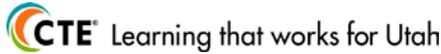
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In 2016-2017, 105,691 CTE skill certificates were awarded to high school students. Students' knowledge and performance is demonstrated as part of the Skill Certificate process.

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Utah Career and Technical Education Career Pathway

2018-2019 School Year



CTSO Information
 Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.
 FFA is the CTSSO for students in the Natural Resource Science Career Pathway. FFA brings relevance to the classroom through industry-based competitive events and community service.

Workforce Trends
 With the multitude of natural resources in Utah there are a vast number of career opportunities within eight federal and state divisions.

Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Natural Resource Science

| CORE CODE | FOUNDATION COURSES (required) | CREDITS | |
|------------------------------------|---|---------|--------------|
| | Choose two of the following courses: | | |
| 30.01.00.00.116 | Aquaculture, Introduction | 1.00 | 2.00 credits |
| 30.03.00.00.001 | Natural Resource Science 1 | 1.00 | |
| 30.03.00.00.010 | Natural Resource Science 2 | 1.00 | |
| ELECTIVE COURSES | | | |
| 30.01.00.00.050 | Agricultural Science 1 | 1.00 | 1.00 credit |
| 30.02.00.00.050 | Biology-Agricultural Science | 1.00 | |
| 32.02.00.00.110 | Business Communication 1 | .50 | |
| 32.02.00.00.111 | Business Communication 2 | .50 | |
| 32.02.00.00.140 | Business Management | .50 | |
| 37.01.00.00.150 | Leadership Principles 1 | 1.00 | |
| 30.01.00.00.200 | Summer Agriculture Program | .25 | |
| | Supervised Agriculture Experience Program (capstone experience) | | |
| 41.00.00.00.030 | Workplace Skills | .50 | |
| 3.00 credits for completion | | | |

Foundation courses taken beyond the required credits can be used as elective credit.

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

Natural Resource Science is:

- > High skill
- > High wage
- > High demand

Sample Occupations Requiring:

High School Diploma

- > Forest/Conservation Worker
- > Logger
- > Truck Driver

Certificate

- > Firefighter
- > Heavy Equipment Operator
- > Pesticide Handler/Applicator

Assoc. or Technical Degree

- > Arborist
- > Fisheries Technician
- > Forestry Technician

Baccalaureate Degree

- > Career and Technical Education Teacher
- > Conservation Officer/Scientist
- > Wildlife Biologist

Graduate or Prof. Degree

- > Extension specialist
- > Forester
- > Marine Biologist

Student Testimonial

“I enrolled in all of the CTE courses in the Natural Resource Science Pathway. The courses added depth to my understanding. Summer Ag enhanced my practical knowledge in the field. All of this together helped me along my planned path to reach my personal and occupational goals.”

Cache Bisel

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

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

| | | | | |
|---|---------------------------|---|---------------------------------|--------------------------------------|
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Utah Business and Industry Facts

Utah has a wealth of natural resources, which includes five national parks, seven national monuments, seven national forests, two national recreation areas, 45 state parks, and millions of acres of Bureau of Land Management (BLM)—administered deserts and range land.

CTE Skill Certificates

Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

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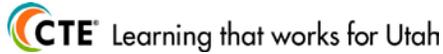
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Utah Career and Technical Education Career Pathway

2018-2019 School Year



CTSO Information
Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.

FFA is the CTSO for students in the Plant Science Career Pathway. FFA brings relevance to the classroom through industry-based competitive events and community service.

Workforce Trends
According to the U.S. Department of Labor, employment of conservation scientists and foresters is projected to grow 7 percent through the year 2024.

Nationwide, employment of landscape architects is projected to grow 5 percent through the year 2024.

Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Plant Science

| CORE CODE | FOUNDATION COURSES (required) | CREDITS | |
|---|---|---------|--------------|
| <i>Choose two credits from the following courses:</i> | | | |
| 30.01.00.00.152 | Floriculture | .50 | 2.00 credits |
| 30.01.00.00.150 | Floriculture and Greenhouse Management | 1.00 | |
| 30.01.00.00.154 | Greenhouse Management | .50 | |
| 30.01.00.00.160 | Landscape Management | .50 | |
| 30.01.00.00.165 | Nursery Operation | .50 | |
| 30.02.00.00.080 | Plant and Soil Science 1 | 1.00 | |
| 30.02.00.00.010 | Plant and Soil Science 2 | 1.00 | |
| ELECTIVE COURSES | | | |
| 30.01.00.00.050 | Agricultural Science 1 | 1.00 | 1.00 credit |
| 30.02.00.00.050 | Biology-Agricultural Science | 1.00 | |
| 32.02.00.00.110 | Business Communication 1 | .50 | |
| 32.02.00.00.111 | Business Communication 2 | .50 | |
| 32.02.00.00.140 | Business Management | .50 | |
| 30.01.00.00.070 | Landscape Architecture, Introduction | 1.00 | |
| 37.01.00.00.150 | Leadership Principles 1 | 1.00 | |
| 30.01.00.00.200 | Summer Agriculture Program | .25 | |
| | Supervised Agriculture Experience Program (capstone experience) | | |
| 30.01.00.00.090 | Sustainable Urban Agriculture | 1.00 | |
| 41.00.00.00.030 | Workplace Skills | .50 | |
| 3.00 credits for completion | | | |

Foundation courses taken beyond the required credits can be used as elective credit.

Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

Plant Science is:
> High demand

Sample Occupations Requiring:
High School Diploma
> Florist
> Greenhouse Worker
> Tree Trimmers and Pruners

Certificate
> Crop Scout
> Irrigation Specialist
> Pesticide Handler/Applicator

Assoc. or Technical Degree
> Arborist
> Landscape Technician
> Turf Manager

Baccalaureate Degree
> Career and Technical Education Teacher
> Crop Advisor
> Landscape Designer/Architect

Graduate or Prof. Degree
> Agronomist
> Extension Specialist
> Microbiologist

Student Testimonial
"I took my first agriculture class, which everyone assumes is strictly about farm animals, and it introduced me to plant biology. The classes took place mostly in the school greenhouse, where I learned to grow plants and flowers from seeds. This is where I found my passion."
Madyson Smith

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

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

| | | | | |
|---|---------------------------|---|---------------------------------|--------------------------------------|
| 12th Grade | 1-Year Certificate | 2-Year Associate or Technical Degree | 4-Year Bachelor's Degree | More Graduate or Prof. Degree |
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Utah Business and Industry Facts
In Utah, the value of crops including nursery and greenhouse crops is \$575 million. Hay and forage has the highest values of sales at \$297 million.

CTE Skill Certificates

Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

UtahFutures: College and Career Planning

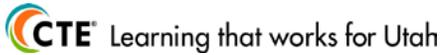
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In 2016-2017, 105,691 CTE skill certificates were awarded to high school students. Students' knowledge and performance is demonstrated as part of the Skill Certificate process.

In 2016-2017, the graduation rate for students who concentrated in a CTE Career Pathway was 95 percent, compared to Utah's statewide graduation rate of 86 percent.

Utah Career and Technical Education Career Pathway

2018-2019 School Year



CTSO Information
 Career and Technical Student Organizations (CTSO) align with the national Career Clusters® and the Utah CTE Career Pathways.

FFA is the CTSO for students in the Veterinary and Animal Science Career Pathway. FFA brings relevance to the classroom through industry-based competitive events and community service.

Workforce Trends
 Twenty-one million people (or 18.5 percent of the American workforce) are employed in the agricultural industry. Farmers and ranchers provide food and habitat for 75 percent of the nation's wildlife. One-fourth of the world's beef and one-fifth of the world's grain, milk, and eggs are produced in the United States.

Career Cluster: Agriculture, Food & Natural Resources

Career Pathway: Veterinary & Animal Science

| CORE CODE | FOUNDATION COURSES (required) | CREDITS | |
|---|---|---------|--------------|
| 30.02.00.00.040 | Animal Science 1 | 1.00 | 2.00 credits |
| <i>Choose one of the following courses:</i> | | | |
| 30.02.00.00.001 | Animal Science 2 | 1.00 | |
| 30.01.00.00.005 | Small and Companion Animal Science | 1.00 | |
| 30.02.00.00.090 | Veterinary Assistant 1 | 1.00 | |
| ELECTIVE COURSES | | | |
| 30.01.00.00.116 | Aquaculture, Introduction | 1.00 | 1.00 credit |
| 30.02.00.00.050 | Biology-Agricultural Science | 1.00 | |
| 32.02.00.00.110 | Business Communication 1 | .50 | |
| 32.02.00.00.111 | Business Communication 2 | .50 | |
| 32.02.00.00.140 | Business Management | .50 | |
| 30.02.00.00.072 | Equine Science A | .50 | |
| 30.02.00.00.074 | Equine Science B | .50 | |
| 37.01.00.00.150 | Leadership Principles 1 | 1.00 | |
| 30.02.00.00.095 | Veterinary Assistant 2 | 1.00 | |
| 30.01.00.00.200 | Summer Agriculture Program | .25 | |
| | Supervised Agriculture Experience Program (capstone experience) | | |
| 41.00.00.00.030 | Workplace Skills | .50 | |
| 3.00 credits for completion | | | |

Foundation courses taken beyond the required credits can be used as elective credit.

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Veterinary & Animal Science is:
 > High skill
 > High wage

Sample Occupations Requiring:
High School Diploma
 > Livestock Handler
 > Swine Farm Worker
 > Veterinary Assistant and Laboratory Animal Caretaker

Certificate
 > Artificial Inseminator
 > Livestock Auctioneer
 > Shipping Coordinator

Assoc. or Technical Degree
 > Herdsman
 > Livestock Buyer
 > Veterinary Assistant/Technologist and Technician

Baccalaureate Degree
 > Animal Nutrition Specialist
 > Career and Technical Education Teacher
 > Farm/Ranch Manager

Graduate or Prof. Degree
 > Animal Scientists
 > Extension Specialist
 > Veterinarian

Student Testimonial
 "I took many CTE classes in high school that were beneficial in preparation for my college education to become a veterinary technician. Biology, chemistry, animal science, and veterinary assisting helped me understand cells and how a body functions. I have a passion for animals and their well-being and want to pursue a career in agriculture."
 Karlie Ault

HIGH SCHOOL TO POSTSECONDARY EDUCATION AND TRAINING

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

| | | | | |
|---|---------------------------|---|---------------------------------|--------------------------------------|
| 12th Grade | 1-Year Certificate | 2-Year Associate or Technical Degree | 4-Year Bachelor's Degree | More Graduate or Prof. Degree |
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Utah Business and Industry Facts
 Agriculture is a vital industry to Utah's economy. There are 18,100 farms in the state, totaling approximately 11 million acres, where Utah agriculturists produce crops and livestock worth \$1.8 billion annually.
 (Utah Department of Agriculture and Food)

CTE Skill Certificates
 Competency-based student assessments, measured by core standards and competencies needed to be successful in the workforce.

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 Visit UtahFutures.org for salary projections, labor market demand, and training options.

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