




Career Cluster: Transportation, Distribution & Logistics

Career Pathway: Automotive

JUNIOR HIGH / MIDDLE SCHOOL		
College and Career Awareness		
Exploring Technology		
HIGH SCHOOL		
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)		
Entrepreneurship *		
EXPLORER COURSES: Choose one or more of the following courses.		
Automotive, Introduction * +	Collision Non-Structural Repair * +	Small Engine Repair
Basic Automotive Collision Repair	Electronics 1 *	Welding Technician, Entry Level *
Bicycle Repair Training	Machining 1 *	
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.		
ASE Chassis MLR *	Collision Structural Repair	
ASE Engine MLR *	Electric Vehicle Safety and Technology	
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.		
ASE Brakes *	ASE Engine Performance *	Collision Refinishing and Painting *
ASE Electrical/Electronics *	ASE Steering and Suspension *	Professional Driver
CTE Internship	Apprenticeship	
POSTSECONDARY:		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide

* 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.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		<ul style="list-style-type: none"> > Automotive Service Technician > Tire Technician > Quick Lube Technician 	<ul style="list-style-type: none"> > Fleet Administrator > Master Technician > Restoration Specialist

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. [Credentials of Value](#)

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

Student Testimonial

“My overall goal of taking CTE courses was to become an automotive technician. I found my passion during my sophomore year and ever since then I’ve been staying on track with the automotive industry. I took collision and refinishing, and I love it. I found my passion in life and intend to make a full career out of it.”

Tyerell Przybycien
 Future Automotive Technician

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Transportation, Distribution & Logistics

UtahCTE.org: [Fact Sheet](#)

Department of Workforce Services
[Utah Occupational Explorer](#)

SkillsUSA

is the Career and Technical Student Organization (CTSO) for students in the Automotive Career Pathway.

SkillsUSA.org | UtahSkillsUSA.org
[SkillsUSA flyer](#)





Career Cluster: Transportation, Distribution & Logistics

Career Pathway: Aviation

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Exploring Technology			
HIGH SCHOOL			
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
English 1010	Math 1050	Math 1060	Meteorology
EXPLORER COURSES: Choose one or more of the following courses.			
Aviation History *	Aviation Maintenance 1	Machining 1 *	
Aviation 1	Electronics 1 *	Unmanned Aerial Systems	
CONCENTRATOR COURSES: To be a concentrator you must pass one of the following courses AND one explorer course.			
Aviation 2	Aviation Maintenance 2	Aviation Weather	Flight Simulator *
Unmanned Aerial Systems Lab: Intermediate Flight	Unmanned Aerial Systems Lab: Design, Build, and Maintain	Unmanned Aerial Systems Lab: Exploration of Industry Applications	
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
Air Transportation *		Private Pilot	
Aircraft Systems *		Unmanned Aerial Systems Capstone	
CTE Internship		Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.			
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide	

* 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.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
	> Aircraft Service Technician > Drone Pilot > Helicopter Maintenance Technician	> Air Traffic Controller > Certified Flight Instructor > Drone Mission Coordinator	> Aircraft Co-pilot and Pilot > CTE Teacher > Drone Design Engineer > Drone GIS Engineer > Flight Engineer

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Student Testimonial

"I plan to become a certified flight instructor and use that [credential] to build up my hours until I can get a job with a local airline. I learned everything I know about planes from Private Pilot Ground School [through CTE].

Braden Ottley
 Future Flight Instructor

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Transportation, Distribution & Logistics

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[Utah Occupational Explorer](#)

SkillsUSA

is the Career and Technical Student Organization (CTSO) for students in the Aviation Career Pathway.

SkillsUSA.org | UtahSkillsUSA.org
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Career Cluster: Transportation, Distribution & Logistics

Career Pathway: Diesel

JUNIOR HIGH / MIDDLE SCHOOL			
College and Career Awareness			
Exploring Technology			
HIGH SCHOOL			
SUPPORTING COURSES: Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
Entrepreneurship *			
EXPLORER COURSES: Choose one or more of the following courses.			
Automotive, Introduction * +	Machining 1 *		
Electronics 1 *	Welding Technician, Entry Level *		
CONCENTRATOR COURSES: To be a concentrator you must pass the following course AND one explorer course.			
ASE Diesel IMMR			
COMPLETER COURSES: To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
ASE Diesel Brakes	ASE Diesel Electrical Systems	ASE Diesel Engine	ASE Diesel Steering and Suspension
CTE Internship		Apprenticeship	
POSTSECONDARY: There are many options for education and training beyond high school.			
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)		UtahMajors.org: Majors Guide	

* 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.			
	1-2 Year Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
		> Diesel Service Technician > Farm Equipment Mechanic	> Heavy Equipment Maintenance Technician > Heavy Locomotive Technician

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Student Testimonial

"I have always known that I wanted to work in mechanics. As a junior in high school, I attended the ASE Engine Performance class at Mountain View High School. Brent Woffinden was my teacher for this course. He showed me what was possible with a career in mechanics. I hope to one day run my own mobile mechanic business."

Jaxon Carter
 Future Diesel Technician

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Department of Workforce Services
[Utah Occupational Explorer](#)

SkillsUSA

is the Career and Technical Student Organization (CTSO) for students in the Diesel Career Pathway.

SkillsUSA.org | UtahSkillsUSA.org
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