Utah Career and Technical Education Career Pathway Chart 2025-2026 School Year



Career Cluster: Supply Chain & Transportation

Career Pathway: Automotive

College and Career Awareness					
Exploring Technology					
HIGH SCHOOL					
SUPPORTING COURSES: Suggested	high school courses that support t	he Career Pathway (Courses DO N	OT count towards the Pathway)	
Business Office Specialist *	Entrepreneurship * Small		Small Busines	mall Business Math *	
English 1010	Math 1050				
EXPLORER COURSES : Choose one of	or more of the following courses.				
Agricultural Mechanics and Technology 1 *	Bicycle Repair Training	Entrepreneurship *		Welding Technician, Entry *	
Automotive, Intro * +	Collision Non-Structural Repair * +	Machining 1 *			
Aviation Maintenance 1	Customer Service *	Small Engine Repair			
Basic Automotive Collision Repair	Electronics 1 *	Supply Chains, Intro			
CONCENTRATOR COURSES: To be	a concentrator you must pass one	of the following cours	ses AND one	explorer course.	
ASE Chassis MLR *	Collision Structural Repair		Power Motor Sports *		
ASE Engine MLR *	Electric Vehicle Safety and Technolog	d Technology			
COMPLETER COURSES: To be a con	npleter you must pass a concentra	tor course and enoug	h 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 * Co		Commercial D	Oriver Prep	
CTE Internship		<u>Apprenticeship</u>			
POSTSECONDARY: There are many of	options for education and training b	peyond high school.			
Utah System of Higher Education: <u>ushe.edu</u> (Utah's public colleges and universities))	LitahMajors or	rg: 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.



Certificate	2-Year Associate Degree	4-Year Bachelor's Degree
> Automotive Service Technician > Tire Technician > Quick Lube Technician	> Fleet Administrator > Master Technician > Restoration Specialist	 CTE Teacher OEM Trainer Technical Researcher and Developer Technical Salesperson

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

 $\label{thm:ct} \textbf{Utah CTE classes are open to all qualified students without regard to race, color, national origin, sex, disability, or age. } \\$

Advice to Students

"JUST DO IT! Take the class! Take the work-based learning opportunity! Pick choices that challenge you and scare you a little. Pick something you are passionate about and call on mentors to help you learn. Don't be afraid to fail! You may fail at an individual task, but you will win overall in the end."

Cooper Chamberlain Future Automotive Technician

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Supply Chain & Transportation

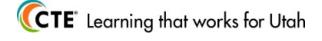
Department of Workforce Services
Utah Occupational Explorer

SkillsUSA

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

SkillsUSA.org | UtahSkillsUSA.org SkillsUSA Utah flyer





Utah Career and Technical Education Career Pathway Chart 2025-2026 School Year



Career Cluster: Supply Chain & Transportation

Career Pathway: Aviation

JUNIOR HIGH / MIDDLE SCH	OOL			
College and Career Awareness				
Exploring Technology				
HIGH SCHOOL				
SUPPORTING COURSES: Su	ggested high school courses that su	pport the Career Pathway (Cour	rses DO NOT count towards the Pathway)	
Business Office Specialist *	Entrepreneurship *	Math 1060	Small Business Math *	
English 1010	Math 1050	Meteorology		
EXPLORER COURSES: Choo	se one or more of the following cour	ses.		
Agricultural Mechanics and Technology 1 *	Aviation Maintenance 1	Machining 1 *	Unmanned Aerial Systems Lab: Design, Build, and Maintain	
Automotive, Intro *	Customer Service *	Supply Chains, Intro		
Aviation History *	Electronics 1 *	Unmanned Aerial Systems		
CONCENTRATOR COURSES	6: To be a concentrator you must pa	ss one of the following courses a	AND one explorer course.	
Aviation Maintenance 2	Aviation Weather	Fli	ght Simulator *	
Unmanned Aerial Systems Lab: Intermediate Flight		Unmanned Aerial Systems L	Unmanned Aerial Systems Lab: Exploration of Industry Applications	
COMPLETER COURSES: To	be a completer you must pass a con	centrator course and enough co	ourses to equal 3.0 credits in this Pathway.	
Air Transportation *		Private Pilot		
Aircraft Systems *		Unmanned Aerial Systems Capstone		
CTE Internship		Apprenticeship		
POSTSECONDARY: There are	e many options for education and tra	ining beyond high school.		
Utah System of Higher Education: ushe.edu (Utah's public colleges and universities)			ahMajors.org: <u>Majors Guide</u>	

^{*} 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.



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

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.

Advice to Students

"CTE classes are worth it. Sometimes the work is hard but in the end the knowledge and skills that you will have afterwards is great. It is an amazing feeling to take and excel in your CTE classes!"

Ryker Frost Future Mechanical Engineer

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Supply Chain & Transportation

Department of Workforce Services

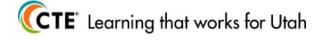
<u>Utah Occupational Explorer</u>

SkillsUSA

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

SkillsUSA.org | UtahSkillsUSA.org | SkillsUSA Utah flyer





Utah Career and Technical Education Career Pathway Chart 2025-2026 School Year



Career Cluster: Supply Chain & Transportation

Career Pathway: Diesel

College and Career Awareness		
Exploring Technology		
HIGH SCHOOL		
SUPPORTING COURSES: Suggested high	school courses that support the Career Pathy	way (Courses DO NOT count towards the Pathway)
Business Office Specialist *	Math 1050	Small Business Math *
English 1010		
EXPLORER COURSES : Choose one or more	re of the following courses.	
Agricultural Mechanics and Technology 1 *	Customer Service *	Machining 1 *
Automotive, Intro * +	Electronics 1 *	Supply Chains, Intro
Aviation Maintenance 1	Entrepreneurship *	Welding Technician, Entry *
CONCENTRATOR COURSES: To be a con	centrator you must pass the following course	AND one explorer course.
ASE Diesel IMMR		
COMPLETER COURSES: To be a complete	r you must pass a concentrator course and e	enough courses to equal 3.0 credits in this Pathwa
ASE Diesel Brakes	ASE Diesel Engine	Commercial Driver Prep
ASE Diesel Electrical Systems	ASE Diesel Steering and Suspension	
CTE Internship Apprenticeship		ship
POSTSECONDARY: There are many option	s for education and training beyond high sch	ool.
Utah System of Higher Education: <u>ushe.edu</u> (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.



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Certificate	2-Year Associate Degree	4-Year Bachelor's Degree	
> Diesel Service Technician > Farm Equipment Mechanic	> Heavy Equipment Maintenance Technician > Heavy Locomotive Technician	> CTE Teacher > Fleet Administrator > Logistics Operation Manager	

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.

Advice to Students

"Jump in and learn as much as you can. CTE courses are a fantastic resource. Don't be afraid to try something you've never done before, because you'll never learn a new skill if you're always too afraid to try it. Through CTE I have been able to make my education more meaningful."

Zachary Burrows Future Diesel Mechanic

LEARN MORE ABOUT OCCUPATIONS AND WAGES

Supply Chain & Transportation

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 SkillsUSA Utah flyer



