



## Career Cluster: Transportation, Distribution & Logistics

### Career Pathway: Automotive

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

\* 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"> <li>&gt; Automotive Service Technician</li> <li>&gt; Tire Technician</li> <li>&gt; Quick Lube Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Fleet Administrator</li> <li>&gt; Master Technician</li> <li>&gt; Restoration Specialist</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; OEM Trainer</li> <li>&gt; Technical Researcher and Developer</li> <li>&gt; Technical Salesperson</li> </ul>

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  
 Spanish Fork High School

### 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](http://SkillsUSA.org) | [UtahSkillsUSA.org](http://UtahSkillsUSA.org)  
[SkillsUSA flyer](#)






**Career Cluster: Transportation, Distribution & Logistics**

**Career Pathway: Aviation**

JUNIOR HIGH / MIDDLE SCHOOL			
<a href="#">College and Career Awareness</a>			
<a href="#">Exploring Technology</a>			
HIGH SCHOOL			
<b>SUPPORTING COURSES:</b> Suggested high school courses that support the Career Pathway (Courses DO NOT count towards the Pathway)			
English 1010	Math 1050	Math 1060	Meteorology
<b>EXPLORER COURSES:</b> Choose one or more of the following courses.			
<a href="#">Aviation History</a> *	<a href="#">Aviation Maintenance 1</a>	<a href="#">Machining 1</a> *	
<a href="#">Aviation 1</a>	<a href="#">Electronics 1</a> *	<a href="#">Unmanned Aerial Systems</a>	
<b>CONCENTRATOR COURSES:</b> To be a concentrator you must pass one of the following courses AND one explorer course.			
<a href="#">Aviation 2</a>		<a href="#">Aviation Maintenance 2</a>	
<b>Pilot Courses—Unmanned Aerial Systems (UAS):</b> Strands and Standards available SY 2023-2024			
UAS Lab: Intermediate Flight	UAS Lab: Design, Build, and Maintain	UAS Lab: Exploration of Industry Applications	
<b>COMPLETER COURSES:</b> To be a completer you must pass a concentrator course and enough courses to equal 3.0 credits in this Pathway.			
<a href="#">Air Transportation</a> *	<a href="#">Aviation Weather</a>	<a href="#">Private Pilot</a>	
<a href="#">Aircraft Systems</a> *	<a href="#">Flight Simulator</a> *		
<b>Pilot Course—Unmanned Aerial Systems (UAS):</b> Strands and Standards available SY 2023-2024			
UAS Capstone			
CTE Internship		<a href="#">Credentials of Value</a>	
POSTSECONDARY:			
Utah System of Higher Education: <a href="http://ushe.edu">ushe.edu</a> (Utah's public colleges and universities)		UtahMajors.org: <a href="#">Majors Guide</a>	

\* 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"> <li>&gt; Aircraft Service Technician</li> <li>&gt; Drone Pilot</li> <li>&gt; Helicopter Maintenance Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Air Traffic Controller</li> <li>&gt; Certified Flight Instructor</li> <li>&gt; Drone Mission Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Aircraft Co-pilot and Pilot</li> <li>&gt; CTE Teacher</li> <li>&gt; Drone Design Engineer</li> <li>&gt; Drone GIS Engineer</li> <li>&gt; Flight Engineer</li> </ul>

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**Student Testimonial**

"I plan to become a certified flight instructor and use that [credential] in order 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  
 Olympus High School

**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 Aviation Career Pathway.  
[SkillsUSA.org](http://SkillsUSA.org) | [UtahSkillsUSA.org](http://UtahSkillsUSA.org)  
[SkillsUSA flyer](#)





## Career Cluster: Transportation, Distribution & Logistics

### Career Pathway: Diesel

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

\* 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"> <li>&gt; Diesel Service Technician</li> <li>&gt; Farm Equipment Mechanic</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Heavy Equipment Maintenance Technician</li> <li>&gt; Heavy Locomotive Technician</li> </ul>	<ul style="list-style-type: none"> <li>&gt; CTE Teacher</li> <li>&gt; Fleet Administrator</li> <li>&gt; Logistics Operation Manager</li> </ul>

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### Student Testimonial

"I completed a CTE Internship at a local garage in my community. Because of the courses I have taken, the safety certifications I have earned, and my internship, Jiffy Lube hired me on the spot. The CTE Pathways program helped me learn to set goals and make wise choices. CTE courses gave me real-life, marketable skills."

Trever Gardner  
 Grantsville High School

### LEARN MORE ABOUT OCCUPATIONS AND WAGES

#### Transportation, Distribution & Logistics

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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](https://SkillsUSA.org) | [UtahSkillsUSA.org](https://UtahSkillsUSA.org)

[SkillsUSA flyer](#)

