

High School to College and Career Pathway: Secondary Career and Technical Education

Skilled and Technical Sciences Education Pathways

**Automotive
Collision Repair**

**Automotive
Service Technician**

Heavy Duty Diesel

Pathway: Mechanics and Repairs – Automotive Collision Repair

Foundation Courses:
(1.00 credits required)

Basic Auto Collision Repair * – .50

Choose one of the following courses:

Collision Non-Structural Repair * – .50

Collision Refinishing and Painting * – .50

Collision Structural Repair * – .50

Elective Courses:

(2.00 credits required)

Accounting 1 – .50

Business Management – .50

Design and Visual

Communications * – .50

Diesel Technician * – .50

Electronics 1 * – .50

Entrepreneurship – .50

Introduction to Automotive * – .50

Intro to Graphic Communications * – .50

Small Vehicle Technician * – .50

Machining 1 * – .50

Metalworking 1 * – .50

Welding Technician – Entry Level * – .50

Workplace Skills – .50

* Course can be taken up to 1.00 credit.

3.00 credits required for completion



Pathway: Mechanics and Repairs – Automotive Service Technician

Foundation Courses:

(1.50 credits required)

Introduction to Automotive * – .50

Choose one of the following courses:

ASE Brakes * – .50

ASE Chassis MLR * – .50

ASE Electrical/Electronics * – .50

ASE Engine Performance * – .50

ASE Engine MLR * – .50

ASE Steering and Suspension * – .50

Elective Courses:

(1.50 credits required)

Accounting 1 – .50

Basic Automotive Collision Repair * – .50

Business Management – .50

Collision Non-Structural Repair * – .50

Diesel Technician * – .50

Electronics 1 – .50

Electronics 2 – .50

Entrepreneurship – .50

Machining 1 * – .50

Metalworking * – .50

PLTW Digital Electronics – .50

Small Vehicle Technician * – .50

Welding Technician – Entry Level * – .50

Workplace Skills – .50

* Course can be taken up to 1.00 credit.

3.00 credits required for completion



ASE General Service Technician course can be taken multiple times to meet the ASE standard.

Skilled and Technical Sciences Education Pathways (continued)

Pathway: Mechanics and Repairs – Heavy Duty Diesel		
<p>Foundation Courses: (1.00 credit required)</p> <p>Diesel Technician * – .50 Medium/Heavy Vehicle Systems * – .50</p>	<p>Elective Courses: (2.00 credits required)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Accounting 1 – .50 <input type="checkbox"/> ASE Brakes * – .50 <input type="checkbox"/> ASE Chassis MLR * – .50 <input type="checkbox"/> ASE Electrical/Electronics * – .50 <input type="checkbox"/> ASE Engine MLR * – .50 <input type="checkbox"/> ASE Engine Performance * – .50 <input type="checkbox"/> ASE Steering and Suspension * – .50 <input type="checkbox"/> Basic Automotive Collision Repair * – .50 	<ul style="list-style-type: none"> <input type="checkbox"/> Business Management – .50 <input type="checkbox"/> Electronics 1 – .50 <input type="checkbox"/> Electronics 2 – .50 <input type="checkbox"/> Entrepreneurship – .50 <input type="checkbox"/> Introduction to Automotive * – .50 <input type="checkbox"/> PLTW Digital Electronics – 1.00 <input type="checkbox"/> Small Vehicle Technician * – .50 <input type="checkbox"/> Metalworking 1 * – .50 <input type="checkbox"/> Workplace Skills – .50 <p style="text-align: right; font-size: small;">* Course can be taken up to 1.00 credit.</p> <p style="text-align: right;">3.00 credits required for completion</p>



- > Foundation courses taken beyond the required credits can be used as elective credit.
- > Core curriculum and elective requirements may vary district to district.
- > Many CTE courses may qualify for concurrent enrollment credit, which in some cases may earn up to 1.0 credit toward Pathway completion. Talk to your school counselor about availability.
- > Many Utah postsecondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional postsecondary Pathways for details.
- > Visit UtahCTE.org for additional information.