

# High School to College and Career Pathway: Secondary

Career and Technical Education: Preparing Students for College and Career!



## Area of Study: Skilled and Technical Sciences Education

### Pathway: Mechanics and Repairs – Automotive Collision Repair

#### Get the Facts

Over 97 percent of all cars taken out of service are recycled, making them the most recycled product in the world.

This is a nontraditional occupation for women. In 2007, 1.6 percent of the people employed in this occupation were women.

#### Workforce Trends

Job opportunities in the automotive industry are very good for persons with formal training in automotive body repair and mechanics.

#### CAREER AND TECHNICAL EDUCATION Recommended Pathway Courses

(Students may select individual courses for exploration, or a complete Pathway for an in-depth focus.)

CLASS AVAILABILITY MAY VARY AT YOUR HIGH SCHOOL

Course #	Foundation Courses: (required)	Credit
47.0633	Basic Auto Collision Repair	.50
<i>Choose one of the following courses:</i>		
47.0603	Collision Non-Structural and Structural Repair	1.00
47.0623	Collision Refinishing and Painting	1.00
<b>Elective Courses:</b>		
47.0105	Basic Electronics	.50
47.0604	Introduction to Automotive	.50
47.0606	Small Vehicle Technician	.50
48.0508	Welding Technician – Entry Level	1.00
32.0199	Student Internship (Critical Workplace Skills)	.50

1.50 credits

1.50 credits

3.00 credits for completion

\* Will include advanced Automotive Collision Repair courses.

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

Visit [UtahCTE.org](http://UtahCTE.org) to learn how to earn industry certification in this Pathway.



#### Automotive Collision Repair is:

- > High skill
- > High wage
- > High demand
- > Nontraditional for females

#### Sample Career Occupations

- > Automotive Body Repairer
- > Automotive Collision Repairer
- > Automotive Collision Repair Teacher
- > Automotive Specialty Technician

Middle School		State Requirements			High School Suggested Education Plan				College and Career
7th Grade	8th Grade	Middle School	High School		9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School
Language Arts 7 1.00	Language Arts 8 1.00	2.00	Language Arts	4.00	Language Arts 9 1.00	Language Arts 10 1.00	Language Arts 11 1.00	Language Arts 12 1.00	There are a number of options for education and training beyond high school, depending on your career goals. <ul style="list-style-type: none"> <li>&gt; Certificate</li> <li>&gt; Associate degree</li> <li>&gt; Bachelor's degree</li> <li>&gt; Professional degree</li> <li>&gt; On-the-job training</li> <li>&gt; Apprenticeship</li> <li>&gt; Military training</li> </ul> For more information on salary projections, labor market demand, and training options, visit <a href="http://www.utahfutures.org">www.utahfutures.org</a> .
Math * 1.00	Math * 1.00	2.00	Math	3.00	Math * 1.00	Math * 1.00	Math * 1.00		
Science .50	Science 1.00	1.50	Science	3.00	Earth Systems 1.00	Physics 1.00 or Physics with Technology 1.00	Additional Credit 1.00		
Utah Studies .50	U.S. History I 1.00	1.50	Social Studies	3.00	Geography for Life .50	World Civilizations .50	U.S. History II 1.00	U.S. Government and Citizenship .50	
P.E. 1.00	Health .50	1.50	P.E./Health	2.00	Participation Skills and Techniques .50	Fitness for Life .50 / Health Education .50 Lifetime Activities or Sport .50			
The Arts .50	The Arts .50	1.00	Fine Arts	1.50	Fine Arts Courses 1.50				
Keyboarding .50			Computer Tech.	.50	Computer Technology .50				
CTE Intro 1.00		1.00	CTE	1.00	Refer to Career and Technical Education box above.				

\* Talk to your school counselor about math requirements in the new common core curriculum. Core curriculum and elective requirements may vary district to district.

Concurrent enrollment course offerings vary by school and district. Many Utah postsecondary programs accept high school courses toward a two- or four-year degree through concurrent enrollment. Check regional postsecondary Pathways for details.