



AUTOMOTIVE COLLISION TECHNOLOGY

WHITEWATER CAREER CENTER

PROGRAM OVERVIEW

Automotive Collision Technology is a hands-on program. If you are interested in making vehicles look new by repairing and refinishing them to meet industry standards, this is the program for you.

YOU WILL LEARN

- Body repair
- Painting & computerized color-mixing
- Frame diagnosis & techniques
- Car welding
- Cost estimation

A TYPICAL STUDENT

The typical student is one that enjoys hands-on learning. Successful students have the patience and attention to detail to solve problems using the skills they have learned. They can work on projects independently or with other students. They take initiative, check their work as needed, and stay on task without constant supervision. Safety is a primary focus, and students must follow the guidelines to keep themselves and others safe.

GET YOURSELF READY

To be prepared for success, do well in your academic classes and work on developing a good work ethic. The following pathway courses will help you prepare for the Automotive Collision Technology career program, further education and training, and a career in the automotive industry:

- Preparing for College & Careers
- Introduction to Transportation
- Introduction to Engineering Design (PLTW-IED)
- Other technology courses



WHITEWATER
CAREER CENTER

Where opportunities flow

Centerville | Connersville | Franklin County
Lincoln | Rushville | Union County

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www.WhitewaterCareerCenter.org



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CERTIFICATIONS & DUAL CREDITS



INDUSTRY CERTIFICATIONS

ASE (Automotive Service Excellence)

Industry certifications are earned in year two.
Dual credits are earned during year one and two.

VINCENNES UNIVERSITY DUAL COLLEGE CREDITS

AUTO 105	Transportation Fundamentals	2 credits
BODY 100	Non-Structural Analysis & Damage Repair	3 credits
BODY 100L	Non Structural Analysis & Damage Repair Lab	4 credits
BODY 150	Painting & Refinishing	3 credits
BODY 150L	Painting & Refinishing Lab	4 credits

YEAR ONE

Automotive Collision Technology I students have both classroom and lab experiences in all phases of the body repair process. Students examine the characteristics of body metals including the installation of moldings, ornaments, and fasteners with an emphasis on sheet metal analysis and safety. Both personal and environmental safety is stressed following OSHA standards. Students also study measurement principles, computerized frame diagnosis, computerized color mixing, and estimation of repair costs.

YEAR TWO

Automotive Collision Technology II introduces concepts in auto paint with an emphasis on the handling of automotive materials and equipment. Additional academic skills taught in this course include precision measurement and mathematical calibrations as well as scientific principles related to adhesive compounds, color mixing, abrasive materials, metallurgy, and composite materials. The lab operates as a body shop, and students gain experience with restoration projects for customers.

WHEN YOU FINISH

Upon completion of this program, you are prepared for entry-level employment in the collision industry. You may also enter an apprenticeship, join the military or continue your education in 2 and 4-year postsecondary degree programs. Dual credits earned in this program are requirements for the A.S. Collision Repair & Refinishing degree at Vincennes University.

POTENTIAL CAREERS

	NATIONAL MEAN WAGE
• Automotive Body & Related Repairer	\$45,630
• Automotive Glass Installer & Repairer	\$35,830
• Claims Adjuster, Appraiser, Examiner, & Investigator	\$66,340

All career and salary information is cited from the U.S. Department of Labor Bureau of Labor Statistics, May 2017 National Occupation Employment & Wage Estimates.



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