



AUTOMOTIVE COLLISION TECHNOLOGY

WHITEWATER CAREER CENTER



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 and computerized color-mixing
- Frame diagnosis and 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, be on track for graduation and do well in academic classes. Employment and admission into specialty training programs can be competitive. To increase your chances, do your best in all high school courses. The following courses will help you prepare for the Automotive Collision Technology career program, further education and training, and a career in the automotive industry:

- Geometry
- Introduction to Transportation
- Technology courses





POTENTIAL CAREERS

- Automotive Body and Glass Repairer
\$39,260
- Painting and Coating Worker
\$33,704
- Claims Adjustor, Appraiser, Examiner, and Investigator
\$62,300

All career and salary information is cited from the Bureau of Labor Statistics.



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.

Industry certifications and dual credits are earned during year two.



YEAR TWO

Automotive Collision Technology II introduces concepts in auto paint with an emphasis on the handling of automotive materials and equipment. Instruction builds on concepts learned in year one such as computerized frame diagnosis, computerized color mixing, and estimating of repair costs. 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.

Industry Certifications

ASE (Automotive Service Excellence)

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



WHEN YOU FINISH

Upon completion of this program, you are prepared for entry-level employment in the collision industry. You may also continue your education in 2 and 4-year postsecondary degree programs, enter an apprenticeship, or enter the military.



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