

Auto Body and Collision Repair Technology



Science, art and technique: equal partners in auto body and collision repair



Students learn the fundamentals of repairing and refinishing damaged vehicles, including the fundamentals of metal straightening, MIG-welding, plastic fillers, plastic repair, major collision repair, hardware repair and service, detailing, and refinishing. The artistic skills applied in decorative auto painting are also introduced.

Units of Study

- Identifying Plastic Parts
- Worker Protection
- Tools and Equipment
- Paint Mixing
- Body Fillers
- Metal Straightening
- Repairs to Fiber-Reinforced Plastics
- Adhesively Bonded Panel
- Spray Guns
- Compressed Air
- MIG Welding
- Jacking and Lifting
- Spray Environment
- Vehicle Construction
- Waterborne Refinishing
- Steering and Suspension
- Plastic Welding
- VOC Rules and Regulations
- Customer Relations
- Glass
- Electrical
- Estimating
- Brakes
- Aluminum Welding
- Plastic Welding
- Career Opportunities and Ethics

Available Academic Credits

- English
- Science

Licensing / Industry- Based Certifications

- I CAR Intro Series
- I CAR Non-Structural
- I CAR Refinishing

Work-Based Learning

CTE programs bring students into the workplace for real life experiences. Businesses that support our Auto Body and Collision program:

- Gerber Collision
- Qualicoat

Articulation Agreements

- Alfred State
- Ohio Technical College
- SUNY Canton
- SUNY Morrisville



Career Paths

All CTE programs correlate to many career paths.

↓ Start Here

- Detailer
- Entry Level Technician

Go Here ↓

- with more education & experience*
- Auto Body Repair Technician
 - Auto Estimator
 - Auto Body Shop Owner

Explore more:

- <https://www.careerzone.ny.gov/>
- <https://www.onetonline.org/find/>



WEMOCO Career & Technical Education Center
Monroe 2-Orleans Board of Cooperative Educational Services
Monroe2BOCES.org/cte 585-352-2471
3589 Big Ridge Road, Spencerport, New York 14559

