

COLLISION REPAIR

NYS CIP CODE: 47.0603

Pre-Apprentice Partnership

- WNY needs more qualified collision repair technicians!
- Collision Repair students will participate in a 4-week job shadowing experience at a partnering location during their Junior and Senior years.
- Paid internships are available throughout the summer.
- Upon graduation, students are guaranteed a job interview for applicable openings.
- Apprenticeship opportunities are available to successful graduates.

College Credit Connections

- Alfred State College
- Lincoln Technical Institute
- Ohio Technical College
- SUNY Erie
- SUNY Morrisville
- Universal Technical Institute

Additional Information

- This program aligns with I-CAR curriculum and standards.
- Students will work toward I-CAR industry Non-Structural Technician and Refinish Technician certifications.
- Students are responsible for purchasing work pants, coveralls, and work boots.

Career Pathways

Professional Careers

Shop Owner / Manager
Teacher

Technical Careers

"A" or "B" Level Technician
Estimator
Painter

Entry Level Careers

"C" Level Technician
Detailer
Tear Down / Dismantler
Vehicle Preparation



COLLISION REPAIR

Auto Technology Core

- Orientation
- Introduction to Technology
- Introduction to Hardware
- Safety
- Hand Tools
- Power Tools
- Lifts and Jacks
- Lubrication
- Introduction to Cooling Systems
- Introduction to Detailing
- Welding and Cutting
- Introduction to Electrical Systems
- Leadership
- Wheels and Tires

Detailing

- Tools and Equipment
- Safety
- Detailing Before Collision Repair
- Detailing After Collision Repair
- Independent Detailer
- Auto Dealership Detailer
- Internships

Non-Structural Repair

- Damage Repair and Estimating
- Sheet Metal Repair and Roughout
- Plastic Body Filler
- Panel Replacement
- Bumpers and Plastic Repair
- Corrosion Protection
- Measure System and Damage Analysis

Metal Inert Gas Welding (MIG)

- Introduction to MIG Welding
- MIG Welding Equipment and Techniques
- Constructing MIG Welds
- Welding Aluminum
- Resistance Spot Welding

Painting and Refinishing

- Introduction to Painting and Refinishing
- Equipment and Safety
- Spraying Techniques
- Surface Preparation and Undercoats

Advanced Painting and Refinishing

- Equipment and Safety
- Spraying Techniques
- Surface Preparation and Undercoats
- Introduction to Top Coats
- Introduction to Base Coats and Clear Coats

Specialty Painting

- Top Coats
- Tri-coats and Refinishing
- Typical Paint Problems
- Custom Paint
- Airbrushing

**Now Offering A
Pre-Apprentice Experience!**

- ✓ Job Shadowing
- ✓ Paid Summer Internships
- ✓ Guaranteed Job Interviews

