

Collision Repair & Refinishing

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Students will be introduced to the field of Collision Repair and Refinishing (CRR). This field requires a thorough understanding of how an automobile is constructed. The focus of the CRR program is based on a select group of key Vermont standards, along with other industry standards.

Students in CRR will use top-of-the-line equipment and technology such as the DeVilbiss semi downdraft paint booth, PPG Aquabase paint mixing system, and a commercial quality vinyl cutting machine. The curriculum focuses on mechanical, body repair and replacement, sanding, masking, painting, and use of high tech spray equipment. With permission from the instructor, students may work on “live jobs” brought in by the local community. After completing this program, students have had success entering directly into the workforce or going on to post-secondary education. This program is NATEF (National Automotive Technicians Education Foundation) certified.

Career Technical Student Organization: Automotive Club Enthusiasts (ACE)

Concurrent Enrollment for College Credit:

Basic Collision Repair, 3 credits, Nashua Community College

Industry Certifications:

S/P2 Environmental Safety Training Certification; PPG Refinisher Certification; CPR/AED and First Aid; and Conover® Workplace Readiness.

Embedded High School Credit: Math or Science

Articulation Agreements for Advanced Standing:

Nashville Auto Diesel College; Nashua Community College; Ohio Technical College; and Lincoln Technical Institute.

Units of Study:

- HACTC Rules and Expectations
- Safety Modules/Tool Safety
- Basic Dent Repair
- Welding: Oxy-fuel and Plasma Cutting
- Body Filler
- Application of Primer
- Paint Mixing
- Masking
- Paint and Refinishing
- Custom Paint
- Power Buffing and Polishing
- Glass Replacement
- Plastic Repair
- Estimating
- Basic Body Repair Skills
- Frame Repair
- Panel Repair
- Performance and Motor Sports
- Custom Fabrication

