



AUTO BODY REPAIR

Course Description:

Students learn how to repair a vehicle to pre-collision condition in both classroom and lab environments.

- Subjects covered are plastic repair, steel dent repair, steel welding, full panel replacement, safety systems (air bags), cooling systems, suspension, refinishing (painting), corrosion protection, seam sealers, resistance spot welding, MIG welding, estimating, vehicle disassembly and reassembly, pre and post computer scanning and adhesives.
- Students can earn certifications and on the job apprenticeships to begin a possible career in auto body repair or paint finishing in a manufacturing setting.
- Learning environments include classroom, lab and online modules.



Careerline
Tech Center

Students who would benefit from this program are those who enjoy working with their hands and are detail oriented. The lab allows students to repair and recondition past and present vehicles using innovative modern techniques and skills learned in the classroom.

High School Credit: Students will earn elective credit at their high school upon completion of this course. Please see a high school counselor (based on district decision) for eligibility towards 4th-year math-related credit, VPAA credit, and waived credits for third year science and second year world language.

AUTO BODY REPAIR

LENGTH OF PROGRAM

1 year

Instructor:

Gary Prins
gprins@oaisd.org

ParaPro:

Jason Kouw
jkouw@oaisd.org

Related Careers with 2022 Median Annual Pay from O*Net

- Auto Body Repair Tech. \$47,670+
- Estimators \$55,000+
- Paint/Refinish Technician \$80,000+
- And many more

+ Figures given represent O*Net state average starting pay. Our industry leaders tend to find the average higher in this field.

Experience the CTE Difference!



TO ENROLL

bit.ly/CTCenroll



QUESTIONS?

Contact Jannette Bole
jbole@oaisd.org



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Careerline Tech Center

13663 Port Sheldon Street | Holland | 616-738-8950

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Course Outline:

1st Semester: Collision Repair, Hazardous Air Pollutants, Vehicle Construction Materials, Tools and Equipment, Hazardous Waste Storage and Disposal, Vehicle Parts Terminology, Personal Safety, Vehicle Construction Material Types, Industry Repair Terms, Bolt on Exterior Panels, Corrosion Protection and Refinishing, GMA Steel MIG Welding, Seam Sealers, Pre and Post Scanning, Plastic Welding, Adhesives, and Estimating.

2nd Semester: Automotive Lighting, Exterior Trim, Decals, and Vinyl Graphics, Mechanical Systems, STRSW Resistance Welding, Rivet and Welding Bonding, Steel Sectioning, Structural Pulling, Water based Painting, Mechanical Repair Terms, Safety Systems and Restraints, Color Theory, and Vehicle Structural Measuring.

Resources Used:

Textbook and Software: ICAR Personalized Development Plan (PDP) online classes, ICAR LIVE curriculum and lecture series, 3M Collision Repair Academy, PPG 6H Environment training, ASE Study Guides, CCC One Computer Estimating, All Data Online Vehicle Repair Manual, and ICAR GMA MIG Welding rubric, and Cengage.

Postsecondary Partners:

Davenport University, Washtenaw Community College, and Universal Technical Institute

Work-Based Learning: All students at CTC have the opportunity to participate in experiences (such as guest speakers, tours, and work experiences) that connect them with local employers in their program area.

WBL Partners: Caliber Collision, Gerber Collision, Barber Ford, Berger Chevrolet, Auto Body Xperts and JR Automation.

Safety Training In: 6H EPA Hazardous Material Training, HAP01e-Hazardous Air Pollutants, Hazardous Waste Storage and Disposal, Intro to Personal Safety, and Hand and Power Tool Safety.

Certifications Offered: ICAR Pro Platinum Industry Certification (Refinishing), ICAR Pro Platinum Industry Certification (Non-Structural Repair), ASE Certification (Refinishing), and ASE Certification (Non-Structural)/

Student Leadership Opportunities: Students can participate in activities with classmates and outside community partners to strengthen their leadership skills

Capstone: Upon course completion and with teacher recommendation, qualifying students may extend their learning through Capstone. This highly independent course has rigorous attendance and employability requirements. Enrollment starts in May. See your work-based learning coordinator for more information.