

Automotive Collision Repair Program Level Student Learning Outcomes

Students completing the Automotive Collision Repair Program will be able to:

1. Demonstrate proficiency concerning repair of automotive plastics involving adhesive repair, welding repair or replacement of the damaged part.
2. Identify & demonstrate the correct welding technique for a specific auto body repair procedure.
3. Demonstrate how to dismantle and reassemble vehicle body parts, trim, interior components, and non-structural glass.
4. Demonstrate shop safety involving Material Safety Data Sheets, product labels, handling of hazardous materials, personal protective equipment, and repair equipment safety.
5. Demonstrate the use of automotive paint systems and equipment used to apply refinish materials.
6. Explain and demonstrate surface preparation corrosion protection, color theory and Detailing.
7. Identify the correct welding technique for a specific auto body repair procedure.
8. Demonstrate welding techniques safely using correct procedures and skills for oxyacetylene welding, MIG welding, and resistance spot welding for a specific auto body repair procedure.
9. Perform minor mechanical and electrical collision-related procedures.