

COLLISION REPAIR



Introduction to Collision Repair, 11-12 Semester I, Double Period

Introduction to Collision Repair is designed to introduce students to the basic information needed when beginning a career in the Collision and Repair Industry. Students learn and follow the proper safety procedures throughout the shop area. Emphasis is placed on the safe use of tools and equipment. Students learn the functions of basic tools, the proper procedures for handling hazardous materials and the foundation skills necessary to repair non-structural damage. Students also learn the foundation techniques required to paint and refinish automobiles.

Collision Repair I, 11-12 Semester II, Double Period

Collision Repair I is designed for students to learn how to safely replace, adjust, fit and align sheet metal and similar components. Through hands-on projects, students are trained on the proper method of sheet metal replacement, aligning and fitting of these parts according to industry standards. According to industry standards, students are trained in the use of proper structural welding, systematic procedures in MIG welding and plasma cutting as well as refinishing techniques and repair for non-structural and structural damage.

Collision Repair II, Senior Year Yearlong, Double Period

Collision Repair II is designed for students to gain practical experience in repairing dents and damage to the body of vehicles using various methods. Students learn how to repair vehicles' exterior panels using aluminum replacement parts. Students also learn about interval safety components including air bags. Applications of higher-level critical thinking skills are required to troubleshoot repairs on various types of plastics and composites according to industry standards. Students apply their Collision Repair I knowledge training to execute the removal and installation of stationary and moveable glass as well as advanced MIG welding and refinishing.

**CAREER
PROGRAM**