AUTO BODY REPAIR AND REFINISHING



It pays to keep up **appearances**.

The demand for collision repair professionals exceeds the number of experienced technicians, making auto body repair one of the service industry's fastest growing sectors. This course offers students practical hands-on experience in auto body repair, including priming, patching and painting techniques. Cooperative work study, internships, industry-sponsored contests and post-secondary opportunities are some of the reasons to explore a career in auto body repair and refinishing. So polish up your skills now... it's your chance to shine!



COURSE TITLE: **AUTO BODY REPAIR AND REFINISHING**

COURSE DESCRIPTION

Students will dismantle damaged automobile components, straighten metal parts and automotive frames, hammer out dents, use body filler, grind, sand, and prepare the car for the paint. In addition, students will learn skills in paint selection. Paint mixing and spray painting will be covered. Students will also learn how to select materials according to the latest EPA guidelines, as well as proper repair techniques currently being used in the industry. Students will be introduced to career and financial management topics. Selected students may be involved in a work-experience program at an industry site.

COURSE CONTENT

Shop Safety
Basic Automotive Construction
Metal Working Fundamentals
MIG Welding
Body Fillers
Sanding/Grinding
Masking
Painting
Electric/Hydraulic/Pneumatic Tool Usage
Frame Straightening
Fiberglass Repair
Stereo Installation
Headlight/Tail Light Restoration
Fasteners
Interior Trim/Upholstery
Glass Removal/Installation
Panel Replacement
Fixed Panel Replacement
Compound/Wax
Mobile Electronics
Estimating
Airbag Safety
Powder Coating
Hand Tool Usage
Detailing
Metal Bumping

Quote from program graduate –
"Exciting and best hands-on experience."

CAREER OPPORTUNITIES

Auto Body Technician
Assistant Estimator
Assembly/Disassembly Technician
Refinisher
Plastic Person
Material/Supply Person
Painter's Helper
Automotive Detailer
Auto Parts Person
Metal Fabricator
Frame Technician
New Car Preparation Person

LOCATION

Islip Career Center

ACADEMIC CREDIT OPPORTUNITIES

Please contact the building principal for more information on opportunities to earn academic credit through successful completion of a Special Career Education program.

Transportation, Distribution and Logistics/SCE

- **Auto Body Repair and Refinishing (ICC)**
- **Auto Front End and Brakes (ICC)**
- **Modern Automotive Technology (ICC)**
- **Transportation Service (WTC)**
- **Vehicle Mantenance and Light Repair (ICC)**

