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!



EASTERN SUFFOLK BOCES **SPECIAL CAREER EDUCATION**

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

COURSE DESCRIPTION
Students will dismantle damaged automobile components, straighten metal parts and car frames, hammer out dents, use filler compounds, grind, sand and prepare the car for the paint shop. In addition, skills in selection of paints, paint mixing and spray painting will be covered. Students will also learn how to select and mix paint according to the latest EPA guidelines as well as the proper techniques in spray painting. 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
Oxyacetylene Welding/Brazing
Arc and Spot Welding
Plastic Welding/Repair
MIG and TIG Welding
Body Fillers
Sanding/Grinding
Feather Edging
Masking
Painting
Electric/Air Hydraulic Tool Usage
Fasteners
Trim/Upholstery
Glass Removal
Panel Replacement
Metal Patchwork
Compound/Wax
Doll-Up for Delivery
Computerized Estimating
Priming/Putty
Repair and Replace Bolt on Sheet Metal
Fiberglass Repairs
Hand Tool Usage
Cutting Tools

CAREER OPPORTUNITIES
Auto Body Helper
Painter's Helper
Plastic Person
Metal Person
Assembler
Combination Person
Piece Worker
Heavy Collision Person
Body Person
Refinisher
Parts Counter Person
Auto Detailer

LOCATION
Islip Career Center

RELATED COURSES (Special Career Education)
Auto Engine Overhaul
Auto Front End and Brakes
Auto Service

RELATED COURSES AT THE TECHNICAL CENTERS (Secondary Career Education)
Auto Body Repair and After-Market Accessories
Automotive Technology

RECOMMENDED ACADEMIC CREDIT
½ credit for Math per year