

NASSAU BOCES - ADULT EVENING PROGRAM

Joseph M. Barry Career & Technical Education Center

1196 Prospect Ave.

Westbury, NY 11590

COURSE OUTLINE

Course Name: **Auto Collision -II**
Weeks: 10
Sessions: 20
Days/Time: Tue/Thu, 7-10 pm
Instructor: Stephen Wepprecht
Required Textbook: None
Prerequisites: Auto Collision I
Adult evening Office: (516) 622-6950

Course Overview:

This course expands upon the principles introduced in Auto Collision I. It includes restoring corrosion and collision repair, expanding general welding techniques, cost estimating, urethane bumper repair, use of spray equipment and paint finishing procedures.

Auto Collision Repair Certificate program: Student must take Auto Collision-I and Auto Collision-II for a total of 120 hours.

Course Topics

1. Review Basic Shop Safety
 - A. Personal Safety
 - B. Fire Extinguishers
 - C. Equipment Safety

2. Welding (M.I.G.)
 - A. Safety
 - B. Set-Up
 - C. Sheet Metal
 1. Butt Weld
 2. Lap Weld
 3. Corner Weld

3. Principles of Collision Repair
 - A. Nomenclature
 - B. Collision Repair Guide
 - C. Estimating

4. Body Alignment Basics
 - A. Panels
 - B. R&R
 - C. Adjustments

5. Panel Fabrication
 - A. Corrosion/Rust-Out
 - B. Patch Panels