

NASSAU BOCES - ADULT EVENING PROGRAM  
Joseph M. Barry Career & Technical Education Center  
1196 Prospect Ave.  
Westbury, NY 11590

COURSE OUTLINE

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

Course Overview:

This course covers the use of body hammers, dollies, body files, grinders and related power equipment; the mixing and application of body fillers and putties; proper preparation and repair of metal damage and the use of primers, sealers and refinishing procedures. Students will be introduced to oxyacetylene and metal inert gas welding for sheet metal repair. This is a Nassau BOCES *Green Certified* course.

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

Course Topics

Session 1	Introduction to Auto Collision
Session 2	Body Shop Safety
Session 3	Basic Hand Tools – use and identification
Session 4	Metal Straightening
Session 5	Metal Shrinking
Session 6	Sandpaper-Abrasives
Session 7	Introduction to Oxyacetylene Welding
Session 8	Welding Safety
Session 9	Body Fillers
Session 10	Spot Putties and Polyester
Session 11	Feather Edging
Session 12	Introduction to MIG Welding
Session 13	Metal Cutting
Session 14	Introduction to Plasma Cutting
Session 15	Compliant Spray Guns*
Session 16	Spray Guns (HVLP)
Session 17	Spray Painting Safety
Session 18	Low V.O.C. Primers*
Session 19	Low V.O.C. Sealers*
Session 20	National Rule Regulating/Refinish Paint Products (National V.O.C. Regulations)*

*\* These units are Green Technology/Sustainability compliant*