

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

COURSE OUTLINE

Course Name: **Basic Car Stereo and Electronic Accessory Systems and Installation**  
Weeks: 7  
Sessions: 14  
Hours: 42  
Days/Time: Tue/Thu, 7-10 pm  
Instructor: John Zajack  
Required Textbook: None  
Prerequisites: None. Some tools may need to be provided (per list provided)  
Adult evening Office: (516) 622-6950

Course Overview:

This course covers the basic functions and properties of car stereos and accessories. Students will first learn how to use specific tools and procedures related to this field. Students will learn how to install aftermarket electronic accessories such as car stereos, amplifiers/boosters, speaker boxes, fog lights and other electronic accessories.

Certificate Program: Not applicable

Course Topics

Session 1 Basic safety rules and precautions.  
Session 2 Use of soldering iron and proper soldering procedure.  
Use of crimping tool and solderless connectors.  
Session 3 Wire types and gauges.  
Basic wiring schematics.  
Proper fusing procedure.  
Demonstrate use of multimeter.  
Session 4 Types of car stereo accessories and equipment.  
Proper placement of equipment in vehicle.  
Session 5 Alarm systems and how they work  
Alarm systems continued  
Session 6 Selection and cost of equipment for installation.  
Session 7 Speaker rating and phasing.  
Session 8 Custom speaker boxes.  
Session 9 Custom fiberglass speaker boxes and enclosures.  
Session 10 Custom lighting.  
Session 11 Troubleshooting equipment problems.  
Session 12 Bridging Power Boosters.  
Session 13 Upgrading alternator and battery.  
Session 14 Evaluating new trends and equipment.