



AUTO BODY



NOCTI, NATEF & ASE certification available to all students.

Auto Body Repair is an occupational program for students who desire to earn a living in a special area of the automotive industry. It is designed to give comprehensive training in the repair, painting and finishing of automobile bodies and fenders, frame and body alignment, installation of upholstery, body trim, hardware, door locks and remote controls, and glass window regulators.

Persons who receive further study or receive experience through on-the-job training may become a specialist in one type of repair or may qualify as shop supervisor, service manager or shop owner. Students completing this program may also apply the skills learned to industrial painting of manufactured goods. This program is open to all students that are in their junior or senior year.

OBJECTIVES OF THE AUTO BODY REPAIR PROGRAM

1. To develop an understanding of the basic inspection, estimation, and sequential planning of repair work.
2. To develop skills in the repair techniques and procedures for auto body repair and painting.
3. To develop a familiarity with the parts, tools, and equipment common to the auto body repair industry.
4. To develop safe work habits.
5. To develop job seeking employability skills necessary to succeed in the world of work.

UNITS OF STUDY

Intro. to Auto Body Repair
 Shop Safety
 Job Keeping Skills
 Job Seeking Skills
 Entrepreneurship
 V.I.C.A.
 Communication Skills
 Leadership
 Consumer Education
 Reference Manuals
 Percent
 Whole Numbers
 Decimals
 Measurements
 Fractions
 Hand Tools
 Power Tools

Basic Electrical Theory
 Air Supply Systems
 Storage Battery
 Oxyacetylene Cutting
 Shielded Metal Arc Welding
 Lighting and Accessories
 Resistance Welding
 Gas Metal Arc Welding
 Shrinking & Stretching Metal
 Basic Hand Tools
 Fiberglass Repair
 Body Construction
 Interior Trim Seats
 Qtr. Panel Assembly Replacement
 Inner Quarter Panel Replacement
 Glass Installation
 Center Post Replacement

Fender Replacement
Quarter Panel Replacement
UNITS OF STUDY (cont.)

Rocker Panel Replacement
Doors
Hood, Trunk, And Hinges
Roof Panel Replacement
Radiator Support Replacement
Bumper and Grill
Suspension System

Frame Construction
Frame Alignment
Frame Repair
Unibody Repair
Fasteners
Preparing a Car for Repair
Pick and File metal
Plastic Filling
Repairing Rust
Dolly and Hammer Metal
Rough Out Metal

SUGGESTED EDUCATION BACKGROUND AND QUALITIES

1. Mathematical aptitude necessary for estimation, paint measuring, and understanding and use of measurement devices.
2. Should not suffer from color blindness, asthma or allergies to dust, fumes, solvent, or paint.
3. Should not mind dirt or noise.
4. Reading ability sufficient to read shop manuals.
5. Good attendance record.

EMPLOYMENT OUTLOOK

Automobile body repair, painting, and refinishing work is carried on in every community. Due to the current growth in production and body complexities, there is a continued demand for workers in the field. A student taking the course at the occupational center should qualify as an auto body repairman after serving one or two years as an assistant to a master auto body repairman. The employment outlook is extremely good due to the fact that many people today are repairing their old cars rather than purchasing new ones. Students should be prepared to travel outside the immediate geographic area. It should be noted that while a one-year program will limit employment opportunities, a two-year program will provide a solid foundation for the following job opportunities.

JOB OPPORTUNITIES

1. Body person for employer that maintains his own vehicles.
2. Painter (auto, truck, boat, and trailer).
3. Body person in dealer service department.
4. Body person in repair shop.
5. An appraiser for an insurance company (after years of experience).
6. Shop supervisor.

7. Owner of body repair business.
8. Trimmer and installer.
9. Service Manager (after years of experience).
10. Glass and/or lock specialist.
11. Manufacturer goods painter (industrial).

The Educational Center provides job placement assistance for all students enrolled in occupational programs.

CAREER ADVANTAGES

In this day of modern high technology, in the Auto Body Repair field, a student who successfully completes the course has several "Career Advantages." Some of these advantages are:

- Y Excellent steady employment with good pay and benefits
- Y Opportunity for employment in all 50 states as well as world-wide
- Y Opportunity with continual training for specialization in areas such as High Technology Refinishing or Unitized Construction Repairer, which includes total vehicle alignment as well as four wheel alignment. With this specialist training the pay and benefits are well above average.

There will be two-1/4 unit optional modules of Intro to Occupations taught in this program. If you need the two-1/4 unit required modules (Working Citizen and Personal Resource Management), see your guidance counselor who can make special arrangements for us to provide them for you.

COLLEGE OPPORTUNITIES:

No current articulation agreements