



Penta Career Center

Automotive Collision Repair

Program Description

Automotive Collision Repair is a two-year program that provides the necessary entry-level knowledge and hands-on experience to repair and restore damaged vehicles to factory specifications. It prepares students to begin a life-long career in the automotive repair industry.



Students are instructed in the areas of:

- Computer Based Repair Cost Estimating/
Paint Mixing
- MIG Welding, Oxyacetylene Cutting
- Metal Straightening Techniques
- Plastic Panel Repair Systems
- Fiberglass Repair
- Panel Replacement and Alignment
- Major Body Section Replacement
- Suspension and Alignment
- Refinish Systems (Basecoat-Clearcoat/
Custom)
- Frame/Unibody Analyzing and Repair

Students who exhibit knowledge and skills in the Automotive Collision Repair program can participate in early placement during the second semester of their senior year. During this early placement phase, students attend school one-half day and work one-half day.

Program of Study

Junior Lab

- Computer Based Repair Cost Estimating
- Computer Based Paint Mixing
- MIG Welding, Oxyacetylene Cutting
- Metal Straightening Techniques
- Panel Replacement/Alignment
- Refinish Systems

Junior English

Junior Social Studies

Junior Math

Junior Elective

Senior Lab

- Fiberglass Repair
- Major Body Section Replacement
- Suspension/Alignment
- Plastic Panel Repair
- Frame/Unibody Analyzing/Repair

Senior Social Studies

Senior English

Senior Science

Senior Elective

A typical day at Penta consists of approximately one-half day hands-on experience in the lab. The rest of the day is used for academic course work necessary for graduation.

Career Opportunities

A student successfully completing this two-year program will be prepared for employment in the following areas:

- Body/Frame Repair Technician
- Auto Painter or Painter Assistant
- Custom Painter
- Auto Detailer/Detailing Shop Owner
- Body Shop Manager
- Body Shop Owner
- Glass Installer
- Transportation Equipment Painter
- Truck Body Builder



College Opportunities

Post-Secondary Enrollment Options:

Qualified students may enroll in the Post-Secondary Enrollment Options Program which has been established to permit high school students to earn college and high school graduation credit through the successful completion of college courses. Contact your high school counselor for more information if you are interested in participating in this program.

Articulation Agreement:

Penta currently has several articulation agreements which link the classes taken at Penta with courses offered at state supported two-year colleges. The intent of the articulation plan is to recognize student achievement in career programs by providing advanced placement at the college level. Students who maintain a "B" average in career-related classes may earn advanced credit for courses at the two-year college which reduces the number of credit hours needed to achieve a degree.

Helpful Courses

Courses that are helpful, but not required, before enrolling in Automotive Collision Repair are:

- Math
- Art
- Science

Any hands-on auto body experience in or out of school provides good experience for this field.

Activities

As an Automotive Collision Repair student, you will be a member of SkillsUSA, a student-oriented organization designed to expand your citizenship and leadership skills. As a member, you will be encouraged to participate in competitive events at the local, district, state, and national levels in both leadership and occupational skills.

In addition to SkillsUSA at Penta, you may participate in student activities at your high school such as music, sports, and club activities.

Salary Information*

Salary varies with the employer's location and industry. It also varies with the worker's skills and experience. Most experienced workers earn a commission of 40 to 50 percent of the labor cost that is charged to the customer. Nationally, for full-time auto body repairers, the average salary is \$2,900/month (\$16.73/hour). The average salary in Ohio is \$2,895/month (\$16.70/hour). Apprentices usually earn about half the wage of skilled workers but receive regular increases as their skills improve.

*Ohio Career Information System, 2005

Member Schools

Anthony Wayne
Benton-Carroll-Salem
Bowling Green
Eastwood
Elmwood
Genoa
Lake
Maumee
North Baltimore
Northwood
Otsego
Perrysburg
Rossford
Springfield
Swanton
Woodmore

Penta Career Center hereby gives notice that it does not discriminate on the basis of race, color, national origin, ancestry, sex, religion, disability/handicap, citizenship status, or veteran status in its educational programs, activities, employment policies, or admission policies and practices, as required by law. Penta has a section 504, Title VI, and Title IX coordinator.

Penta Career Center

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Possibilities!**

