

The Henrico County Advanced Career Education (ACE) Centers offer training opportunities in the following areas for the 2016-2017 school year:

ADVANCED CAREER EDUCATION (ACE) CENTER at HERMITAGE
804-756-3020

- | | |
|--|--------------------------------|
| Air Cond., Refrigeration & Plumbing | Graphic Communications |
| Automotive Technology | Greenhouse Management |
| Barbering | Landscaping |
| CAD - Computer-Aided Drafting & 3D Animation | Legal Systems Administration |
| Cosmetology | Medical Systems Administration |
| Criminal Justice | Nurse Aide |
| Culinary Arts | Practical Nursing I |
| Diesel Technologies | Precision Machining Technology |
| Electricity & Cabling | Sports Medicine |
| Emergency Medical Technician | Veterinary Assistant |
| | Web Development/Programming |

ADVANCED CAREER EDUCATION (ACE) CENTER AT HIGHLAND SPRINGS
804- 328-4075

- | | |
|--------------------------------------|---------------------------------|
| Auto Body Repair | Electricity & Cabling |
| Automotive Technology | High Tech Academy |
| Carpentry | Tourism Marketing and Sales |
| Computer Systems Technology | Masonry |
| Cosmetology | Nurse Aide |
| Criminal Justice | Pharmacy Technician |
| Early Childhood Education & Services | Practical Nursing I |
| | Radio Broadcasting & Journalism |

Henrico County Public Schools does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or provision of programs, services, or activities. Reasonable accommodation will be provided upon request for individuals with disabilities.

For additional information, please contact a counselor in your school or write or call:

Career and Technical Education Department
Henrico County Public Schools
3751-C Nine Mile Road, Henrico, VA 23223-0420
(804) 781-1810
HENRICOCTE.COM



AUTO BODY REPAIR I

Elective

Prerequisite: Recommendation of Counselor

Course No. 8676

36 weeks - 3 credits

This course provides training in all phases of automotive body repair. This first-year course stresses techniques and methods used in repairing the many types of minor damage to automobiles and trucks.

Students are taught the skills involved in the safe use of hand tools, power tools, welding equipment and refinishing equipment.

AUTO BODY REPAIR II

Elective

Prerequisite: Auto Body Repair I

Course No. 8677

36 weeks - 3 credits

The second year of this course provides additional experiences in the repair of major types of damage. Second-year students evaluate damage to vehicles, calculate material and labor costs, complete more complicated repairs to assigned vehicles and refinish. Students will be more involved with custom paint work and more involved with the finished product.

Major Units of Study

Safety

Hand and power tools

Welding (oxy-acetylene, arc, MIG, and TIG)

Plastic fillers, Adhesives

Refinishing equipment and application

Repairing plastic and sheet metal

Panel and section replacement

Estimating

Shop management

Certification

National Automotive Student Skills Standards Assessments
(NA3SA)

Desirable Aptitudes and Background Courses

The student should possess some degree of mechanical ability, have good hand/eye coordination, and be in good physical condition. She/He should be able to plan and complete the repair to damaged vehicles. Courses in mathematics, metal technology or technology education are very helpful.

Employment Opportunities

Among the various employment opportunities for the Auto Body Repair graduate are: automotive refinisher, sheet metal repair technician, frame alignment technician, welder, insurance claims representative, and many more.

The demand for qualified auto body repair technicians is expected to continue to increase due to increasing numbers of vehicles in operation and a shortage of trained, qualified personnel. Salaries of auto body repair techs depend on the degree of skill the worker possesses, the amount of available work, and the initiative of the individual. The national average for income in this career is more than \$37,000 per year.

