

The Henrico County Technical Centers offer training opportunities in the following areas for the 2013-2014 school year:

HERMITAGE TECHNICAL CENTER 756-3020

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

HIGHLAND SPRINGS TECHNICAL CENTER 328-4075

Auto Body Repair	Electricity & Cabling
Automotive Technology	High Tech Academy
Carpentry	Hotel & Catering
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.

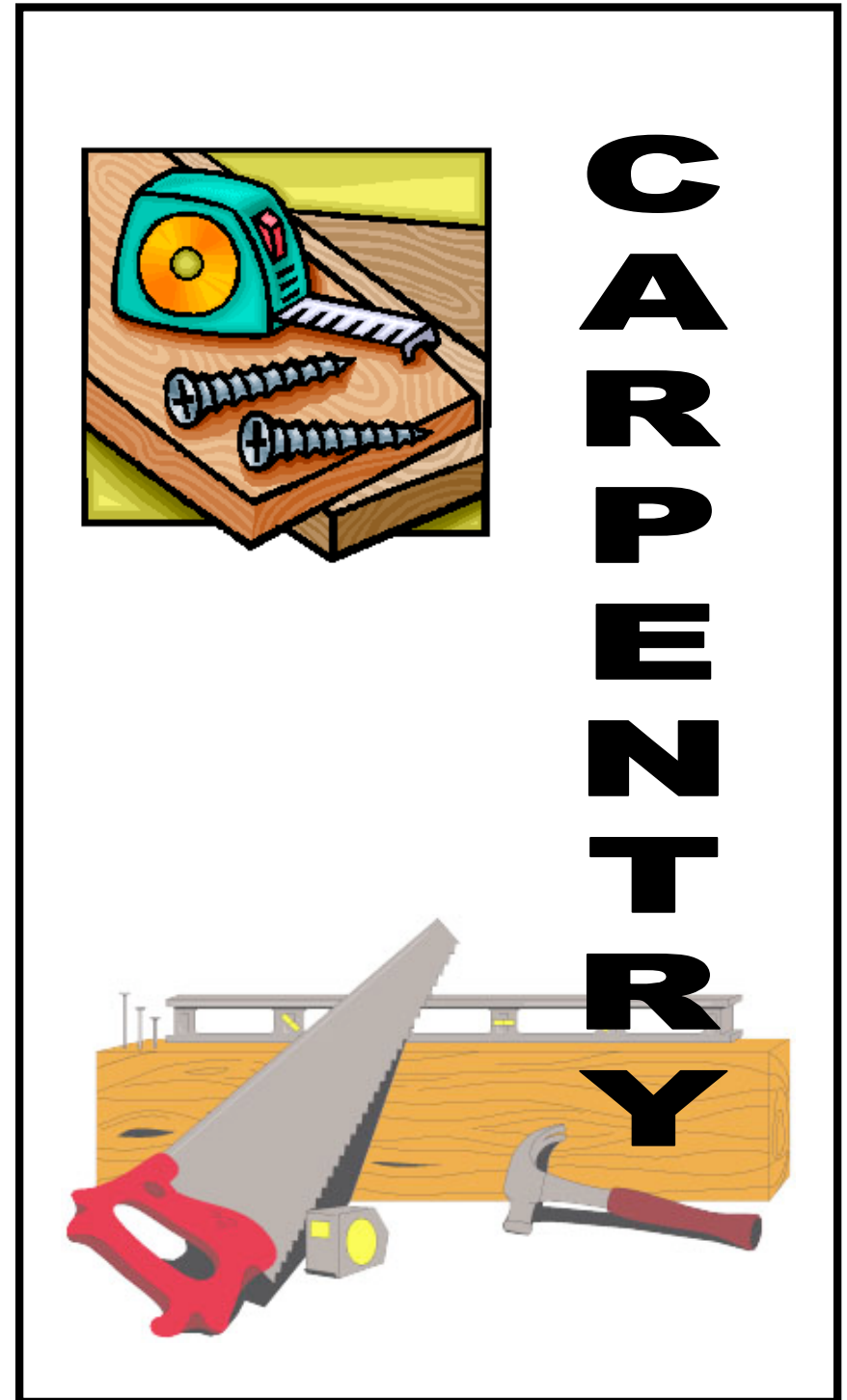
For additional information, please contact a counselor in your school or write or call:

Career and Technical Education Department
Henrico County Public Schools
3751-C Nine Mile Road, Henrico, VA 23223-0420
(804) 781-1810
<http://teachers.henrico.k12.va.us/cte/home.htm>



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www.henrico.k12.va.us

07/12



CARPENTRY I**Course No. 8601****Elective****36 weeks - 3 credits****Prerequisite: Recommendation of Counselor**

The Carpentry course is designed to provide preparation for entry into the residential construction industry. The course begins with an introduction to all hand tools and power equipment used in the trade, and their safe use and operation. Classroom and laboratory instruction provides the knowledge and practical applications of residential and light commercial construction to include interpretation of material and components, and the general concept of home building. Students will participate in the construction of a house. Students will have the opportunity to earn the 10-hour OSHA certification.

CARPENTRY II**Course No. 8602****Elective****36 weeks - 3 credits****Prerequisite: Carpentry I**

The second year in Carpentry involves more detailed knowledge and practical experience in all areas of residential construction and renovation. The class also focuses more on material estimation and blueprint reading. Before the student completes the course, he or she also will have prepared a resume and acquired some knowledge about job interviews. Students are also given the opportunity to take the NCCER (National Center for Construction Education and Research) Core Curricula Assessment test which can count as up to two additional verified credits for a total of eight possible credits for completers. Completion of two years of Carpentry also qualifies you for an extra pay grade if you join the military.

Major Units of Study

1. Introduction to Carpentry
2. Safety in the shop and on the job site
3. Concepts essential to the carpentry trade
4. Use of power equipment
5. General house construction
6. Job applications and interviews
7. Blueprint reading and building codes

Desirable Aptitudes and Background Courses

A sincere interest in the house construction trade, good eyesight, good manual dexterity, and a willingness to work outdoors are essential for a worker to be successful in this trade. A sound mathematics background and courses in technology education are very helpful.

Job Opportunities

Many job opportunities are available with general contractors throughout Virginia. Wages vary within the carpentry field according to the type of work, and vary in different locations throughout the country. However, wages throughout the carpentry field rank high among the various areas of construction.

**Certification**

National Center for Construction Education and Research (NCCER) CORE Assessment