

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>



Henrico County Public Schools  
3820 Nine Mile Road • P. O. Box 23120 • Henrico, VA 23223  
[www.henrico.k12.va.us](http://www.henrico.k12.va.us)

07/12



Highland Springs Technical Center

100 Tech Drive

Highland Springs, VA 23075

Phone 804-328-4075

Fax 804-328-4074

[henrico.k12.va.us/HS/HighSprTech](http://henrico.k12.va.us/HS/HighSprTech)

### Collaboration

High Tech Academy (HTA) is a collaborative effort between Henrico County Public Schools (HCPS) and Virginia Commonwealth University (VCU). HTA prepares high school students for future careers in high tech industries.

### Two-year, Half-day Program

Students from HCPS who participate in this half-day program are enrolled in math, science, and engineering at HTA. The rest of their courses are taken at their home school. This arrangement allows students to participate in their home school's extra-curricular activities.

### College/Professional Atmosphere

Students work in teams to solve problems incorporating advanced mathematics and science. They learn the communication skills necessary to either enhance their studying proficiency in higher education or establish their creative ideas in the workplace.

### College Credit with No Tuition

All courses offered through HTA are reflected as honors classes on the high school transcript. However, students can obtain up to 28 VCU college credit hours for their mathematics and science coursework as indicated in the table below. Henrico County pays the tuition for these dual-credit hours.

### Required Summer Camp

An orientation at HTA and VCU prior to attending HTA is required.

### High Tech Facilities

Our facilities feature sophisticated training equipment, including manufacturing, design, automated material handling, quality control, and vacuum training.

### Certification Test

Students are prepared for the National Occupational Competency Testing Institute (NOCTI) Pre-Engineering Certification Exam which will be taken in their second year.

### Choices for Graduates

With traditional education in chemistry, physics, and mathematics, graduates of High Tech Academy will be prepared to enter directly into high tech employment or enroll in a four-year engineering program or a

two-year associate degree program pursuant to a high tech career.

### Application Process

The applicant must be enrolled in a Henrico County high school and must have completed Algebra II to pursue Track 1 or completed Geometry to pursue Track 2.

A complete application includes a transcript and three teacher recommendations (one science, one mathematics, one other).

Applications are available online at <http://www.henrico.k12.va.us/hs/HighSprTech/3835.html>.

### Contacts

**Connie S. Wooldridge**  
Teacher  
<mailto:cswouldridge@henrico.k12.va.us>  
**Steven L. Herr, Ph.D.**  
Teacher  
<mailto:slherr@henrico.k12.va.us>  
**Johnnie L. Collie**  
Principal  
Highland Springs Technical Center

### HTA Schedule

Track 1 Offered Every Year	Track 2 May Not Be Offered Every Year
1st Year VCU Precalculus *4 VCU Chemistry *8 or VCU Physics *8 Intro to Engineering	1st Year Algebra II VCU Physics *8 Intro to Engineering
2nd Year VCU Calculus *8 VCU Physics*8 or VCU Chemistry *8 Advanced Engineering	2nd Year VCU Precalculus *4 VCU Chemistry *8 Advanced Engineering
Total *VCU Credits 28	Total *VCU Credits 20

### Program Awards

- 2001 Virginia State Career and Technical Education Excellence Award**  
Virginia Council for Career and Technical Education
- 2001 Excellence in Education Award**  
Virginia Tech School of Human Resources and Education
- 2002 Achievement Award**  
National Association of Counties