

Application Process

The applicant must be enrolled in a Henrico County high school and must complete Algebra II.

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

HTA applications are available on Highland Springs Technical Center's website under Academics.

schools.henrico.k12.va.us/highlandspringstech



Contacts

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Teacher

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Dr. William J. Crowder, Jr.

Principal

Highland Springs Technical Center

The Henrico County Technical Centers offer training opportunities in the following areas for the 2014-2015 school year:

HERMITAGE TECHNICAL CENTER 756-3020

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

HIGHLAND SPRINGS TECHNICAL CENTER 328-4075

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

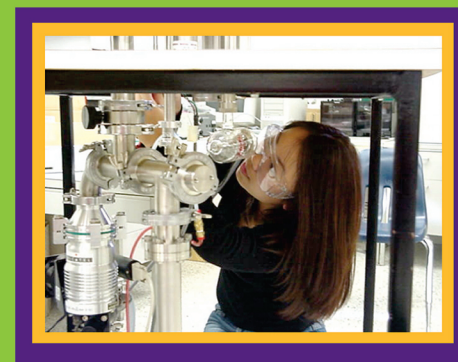
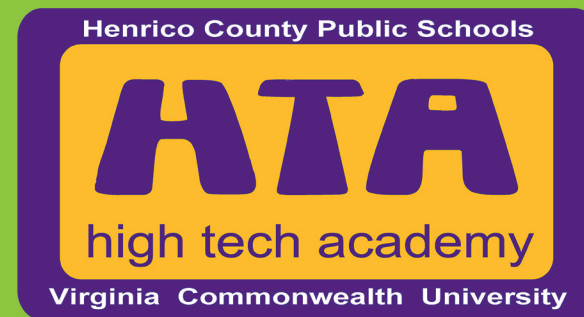
Henrico County Public Schools does not discriminate on the basis of race, color, national origin, sex, religion, age or disability in employment or provision of programs, services, or activities. Reasonable accommodation will be provided upon request for individuals with disabilities.

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

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



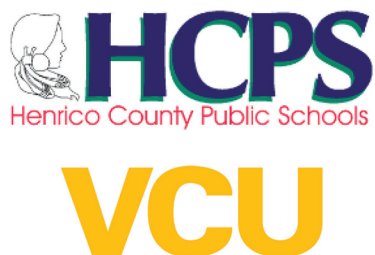
3820 Nine Mile Road · P.O. Box 23120 · Henrico, VA 23223
www.henrico.k12.va.us



What is it?

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 extracurricular activities.



College Credit with No Tuition

Calculus and Chemistry are weighted similarly to AP courses on the high school transcript; other courses offered through HTA are reflected as honors classes. 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.

HTA Schedule

1st Year	
VCU Precalculus (4)	
VCU Chemistry* (8)	
Engineering Explorations I	
2nd Year	
VCU Calculus (8)	
VCU Physics* (8)	
Engineering Studies	
Total VCU Credits	
(28)	

*Science order may be reversed

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.

Required Summer Camp

A one-day orientation prior to attending HTA is required. Orientation is scheduled for the Monday following final exams.

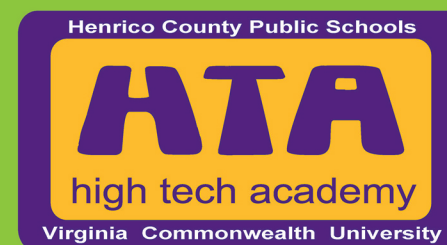
Certification Test

Students are prepared for the NOCTI Pre-Engineering Certification Exam which will be taken during 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.



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