

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>



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

07/12

COMPUTER SYSTEMS TECHNOLOGY



Preparing students for skills in IT



COMPUTER SYSTEMS TECHNOLOGY I Course No. 8622

Elective

36 Weeks - 3 Credits

Prerequisite: Recommendation of Counselor

Offered during the morning.

Course Objectives:

- Develop a knowledge of computer operation and architecture.
- Exhibit a working knowledge of Command Line, Windows, 2000 and up.
- Install and configure hardware, software and portable systems.
- Troubleshoot computers, monitors, and basic network.
- Develop good work ethics and positive attitude.
- Prepare for CompTIA A+ Certification exam.

COMPUTER SYSTEMS TECHNOLOGY II Course No. 8623

Elective

36 Weeks - 3 Credits

Prerequisite: Computer Systems Technology I

Offered during the afternoon.

Course Objectives:

- Prepare for CompTIA Network+ Certification exam.
- Set up a computer network and learn how to set up wireless.
- Participate in the work-experience program and earn money during class.
- Develop a knowledge of networks and the OSI model.
- Install, set up, configure, and troubleshoot networks, routers and switches.
- Install, troubleshoot and maintain network cabling.
- Learn to run and terminate various networking media.
- Participate in internship opportunities.
- Develop leadership abilities through involvement in a student organization.



**Overview of the
Computer Systems Technology Program**

Computer Systems Technology is a one- or two-year comprehensive program covering the knowledge needed to set up, service, network, and maintain PCs.

Benefits include:

- Preparation for continued education in a technical institute, community college, or four-year college or university.
- According to a study done by the Department of Labor, 8 of the 10 fastest growing occupations are computer related (also known as Information Technology).
- Network administrators earn an average starting salary of \$45,000 per year.
- Students may participate in the work experience program, which allows them to earn money during class while gaining invaluable work experience.
- Opportunity offered to sit for specific industry-standard certifications.
- All students have the opportunity to be dual college credit enrolled with ECPI University.
- Participation in SkillsUSA youth organization.

Find out more about the program by contacting your school counselor.



The Microsoft logo is in its signature black font. The IT Academy Program logo features a blue globe icon. The ecpi UNIVERSITY logo has "ecpi" in a stylized blue font and "UNIVERSITY" in a standard blue font. The CompTIA logo is in a red, bold font. The tagline "Advancing the Global IT Industry" is in a smaller red font. The computer system image shows a desktop tower, monitor, keyboard, and mouse.