

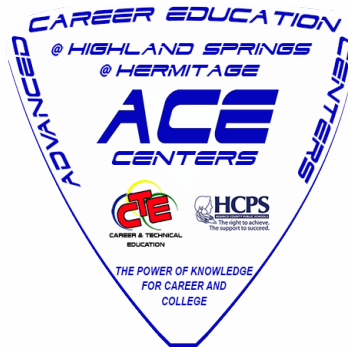
2016 CTE SUMMER POLYTECH

Henrico County Career and Technical Education Presents CTE SUMMER POLYTECH for rising 6th - 12th graders

WHEN:
JUNE 21 – JULY 14, 2016
8:00 a.m. - 1:00 p.m.
NO Friday Classes
NO Classes July 4, 2016

WHERE:
Advanced Career Education Center @ Hermitage
8301 Hungary Spring Road
Henrico, VA 23228
804-756-3020

COST:
\$100.00 Henrico Residents Only



SUMMER POLYTECH

THE POWER OF KNOWLEDGE
FOR WORK AND COLLEGE

Courses for Rising 9th-12th Graders (0.5 Credit)

Automotive Technology introduces students into the many fields related to the automotive service industry including engine and brake repair.

Barbering teaches students the basics of hair, scalp and skin care. Students practice on mannequins to hone their new skills and discover what it takes to operate a barber shop.

Computer-Aided Drafting and 3D Animation is an exciting introductory course where students gain an understanding on how to create drawings, 3D models and animations using the latest CAD software. Students learn the fundamentals of drafting by producing working drawings before moving into 3D modeling. Students use a 3D printer to produce real models of their designs.

Cosmetology teaches students the basics of caring for their skin, nails, and hair. Have fun while learning techniques of hair styling, manicuring, pedicuring, skin care, facials, and more.

Criminal Justice explores the world of modern law enforcement. Learn to use police equipment to solve crimes and keep order. Topics include crime scene investigation, using police tactical gear, fingerprinting and common patrol tactics.

Culinary Arts students participate in creative activities related to following recipes and cooking. Learn basic culinary techniques, menu planning, preparation of meals and explore culinary career opportunities.

Diesel Technologies This course will introduce students to the fundamentals of diesel equipment technology. Students will become familiar with the proper use of hand and power tools.

Early Childhood Education and Services is ideal for students interested in pursuing the field of education, especially those who have a passion for working with younger children. Students will work directly with preschool aged children enrolled at *Springer Preschool Academy*.

Graphic Communications is designed to introduce the student to the world of printing and related areas. Students learn to develop techniques to manage and control production printing using 21st century skills. Develop skills in digital composition and printing, wide format printing and collation/binding operations and the material used with each and to learn the difference between Silk Screening, Heat Transfer Vinyl and Vinyl Film and produce graphics with them.

High Tech Academy (HTA) introduces students to a multi-discipline program offering math, science and engineering. Students work in teams to solve problems incorporating advanced mathematics and science. If a student decides to take HTA in the fall, students will be dual enrolled with Virginia Commonwealth University (VCU) and can obtain up to 28 VCU college credit hours for their mathematics and science coursework.

Hotel & Catering/Travel and Tourism provides students an introduction to the travel and tourism industry which includes cruise, airline, lodging, and catering.

Legal Systems Administration is an introductory course for students who want to be highly-trained legal office workers or want to specialize in other fields in a legal environment. Students develop skills that prepare them for employment in attorneys' offices, clerks' offices, judges' offices, and insurance firms.

Medical Systems Administration is an introductory course for students who want to be highly-trained medical office workers or want to specialize in other fields in a medical environment. Students develop employability skills that prepare them for employment in doctors' offices, nursing home offices, medical clinics, insurance firms, and hospital records departments.

Nurse Aide is an introduction to the field of nursing focusing on basic nursing skills such as communication, CPR, first aid, and patient care.

Precision Machining Technology introduces the student to the world of machining technology. Students learn how to properly layout and produce projects through a combination of lecture and hands on instruction including the safe use and operation of the drill press, lathe, and surface grinders.

Radio Broadcasting and Journalism/Sports Broadcasting Emphasis Fulfill your dreams of becoming a sports announcer...whether learning about how to describe the game through the play-by-play or providing color commentary about those hard to find trivial facts about the players and teams. Learn about the history of sports broadcasting and the traits and techniques needed to deliver an exciting broadcast!

Sports Medicine provides an introduction to students in the field of sports medicine/athletic training and other medical fields. Students will develop skills in the prevention, recognition, assessment, management, disposition, and rehabilitation of injuries. Learn the principles of designing exercise programs for healthy individuals and developing proper diets through the essentials of nutrition.

Veterinary Assistant is an introductory course designed to teach basic skills in animal care and explore animal-related careers. This class introduces basic skills and instruction in animal behavior, breeds and species, basic animal anatomy, restraint and handling, feeding/nutrition, animal grooming, facility maintenance and cleaning, and workplace readiness.

Web Development/Programming introduces the skills students need to succeed in today's high-technology marketplace. Instruction includes introduction to Web programming by learning HTML HyperText Markup Language, Cascading Style Sheets (CSS), Javascript, and Java. Introduction to tools such as Photoshop, Dreamweaver, and Flash are also covered.

Courses for Rising 6th-8th Graders (No Credit)

Automotive Technology introduces students into the many fields related to the automotive service industry including engine and brake repair.

Barbering teaches students the basics of hair, scalp and skin care. Students practice on mannequins to hone their new skills and discover what it takes to operate a barber shop.

Computer Systems Technology/Audio Editing Emphasis Manipulate sound using the radio industry's standard for production...Adobe Audition. Ears and a creative mind are all you need to create a variety of highly produced audio pieces while learning the latest production techniques in composing, mixing, and mastering.

Cosmetology teaches students the basics of caring for their skin, nails, and hair. Have fun while learning techniques of hair styling, manicuring, pedicuring, skin care, facials, and more.

Criminal Justice explores the world of modern law enforcement. Learn to use police equipment to solve crimes and keep order. Topics include crime scene investigation, using police tactical gear, fingerprinting and common patrol tactics.

Early Childhood Education and Services is ideal for students interested in pursuing the field of education, especially those who have a passion for working with younger children. Students will work directly with preschool aged children enrolled at *Springer Preschool Academy*.

Electricity & Cabling is designed to introduce students to electricity-related occupations. Basic principles of electricity are stressed with emphasis on residential wiring.

Veterinary Assistant is an introductory course designed to teach basic skills in animal care and explore animal-related careers. This class introduces basic skills and instruction in animal behavior, breeds and species, basic animal anatomy, restraint and handling, feeding/nutrition, animal grooming, facility maintenance and cleaning, and workplace readiness.

2016 CTE SUMMER POLYTECH COURSE OFFERINGS FOR RISING 6th - 12th GRADERS

Registration Form

ALL COURSES ARE OFFERED AT THE ADVANCED CAREER EDUCATION CENTER @ HERMITAGE**

0.5 Credits Rising 9th - 12th Grade Students

- Automotive Technology
- Barbering
- CAD and 3D Animation
- Cosmetology
- Criminal Justice
- Culinary Arts
- Diesel Technologies
- Early Childhood Education and Services**
- Graphic Communications
- High Tech Academy
- Hotel and Catering/Travel and Tourism
- Legal and Medical Systems Administration
- Nurse Aide
- Precision Machining Technology
- Radio Broadcasting and Journalism/Sports
Broadcasting Emphasis
- Sports Medicine
- Veterinary Assistant
- Web Development and Programming

**Place a "1" beside your first choice
and a "2" beside your second choice.**

Summer Polytech has an attendance requirement. Once a student misses two days of class, he/she will be removed from the class. No credit is earned and tuition is forfeited.

Transportation by HCPS does not begin until Wednesday, June 22, 2016. Students must be transported by the parent/guardian on June 21, 2016. Bus schedules will be distributed by the end of the day on June 21, 2016. Students will be picked up from the elementary school listed on the registration form.

***PLEASE RETURN ENTIRE REGISTRATION
FORM WITH PAYMENT.***

No Credit Rising 6th - 8th Grade Students

- Automotive Technology
- Barbering
- Computer Systems Technology/Audio Editing
Emphasis
- Cosmetology
- Criminal Justice
- Early Childhood Education and Services**
- Electricity & Cabling
- Veterinary Assistant

***** Early Childhood Education is held at the
Springer Preschool Academy located at
1003 East Nine Mile Road, Highland
Springs, VA 23075***

(Classes will not be held on Fridays or on Monday, July 4th.)

Student Name _____ Grade level for 2016-17 _____ Date _____

Current School _____ Name of HCPS Elementary School nearest to your home _____

Parent Name _____ Parent Email _____

Home Phone () _____ Cell Phone () _____ Work Phone () _____

Address _____ City _____ Zip _____

My student, _____, has my permission to attend the CTE Summer Polytech to be held June 21-July 14, 2016.

Once courses are registered, a confirmation letter and forms to be completed prior to the first day of classes will be mailed to your email account.

Parent/Guardian Signature _____ Date _____

Please attach your check or money order to the registration form. No cash accepted. Tuition \$100.00. Rising 9th-12th grade students will be able to receive 0.5 credit from these 4 week courses. Rising 6th-8th grades will not receive 0.5 credit. Applications will not be processed prior to April 1, 2016. Students who will attend the Advanced Career Education Center @ Hermitage should make checks payable to Hermitage Technical Center and mail to 8301 Hungary Spring Road, Henrico, VA 23228.