

## 2021 CTE SUMMER POLYTECH

### Henrico County Workforce and Career Development Presents CTE SUMMER POLYTECH for rising 6th - 12th graders

#### When:

June 21-July 8, 2021

8:00 am – 2:30 pm

No Classes on Friday, No Class on July 5, 2021

#### Where:

Advanced Career Education Center @ Hermitage

8301 Hungary Spring Road

Henrico, VA 23228

804-756-3020

Advanced Career Education Center @Highland Springs

100 Tech Drive

Highland Springs, VA 23075

804-328-4075

#### Cost:

\$50 Henrico Residents Only



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

**Auto Body Repair** introduces students to aspects of automotive body repair including minor body repair and proper use of the tools of the trade.

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

**Barbering** teaches students the basics of hair, scalp, and skincare. Students practice on mannequins to hone their new skills and discover what it takes to operate a barbershop.

**Computer-Aided Drafting and 3D Animation** is an introductory course where students gain an understanding of how to create drawings, 3D models, and animations using the latest CAD software.

**Computer Systems Technology** is an introductory program for students who enjoy building, repairing, or troubleshooting PC computers, basic electronics, and networking. Students will also be introduced to various computer applications.

**Creation Station** explores the various classes offered at the ACE Center through a creative writing lens. Students will confront real-world issues in the selected career paths to build problem-solving strategies and create authentic solutions.

**Cosmetology** teaches students the foundation of the professional care of the hair, skin and nails. Students will practice techniques needed to perform these services in a salon setting environment.

**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, and explore culinary careers.

**Diesel Technologies** introduces students to the fundamentals of diesel equipment technology. Learn basics of diesel vehicles such as firetrucks, school buses and ambulances.

**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.

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

**Graphic Communications** is designed to introduce students to the world of printing. Learn techniques to manage and control production printing using 21st-century skills and develop digital composition and printing skills, wide format printing, and collation/binding operations.

**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.

**Legal/Medical Systems Administration** is an introductory course for students who want to be legal or medical office workers or specialize in other fields in a legal or medical environment. Students develop skills that prepare them for employment in a variety of legal and medical office environments.

**Masonry** student learns to use, care for, and handle safely the tools, machines, equipment, and materials commonly used in the masonry trade.

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

**STEM and Precision Machining** introduces students to the world of STEM through activities using machining technology. Students learn to layout and produce projects using a variety of industry standard tools and equipment.

**Radio Broadcasting and Journalism** focuses on learning about the Production Studio. Learn about the history of audio editing to various platforms with an emphasis on Adobe Audition. Students will experience the process of digital audio production via hands-on projects; including sports announcing.

**Pharmacy Technician** introduces students to the skills needed to assist pharmacists in the delivery of health care services to clients in a variety of settings.

**Sports Medicine** students will spend four weeks learning skills to swim for life. They will be tested on various swimming skills beginning with blowing bubbles with a goal of learning various swimming techniques. Advanced students will have the opportunity to learn the skills of lifeguarding and become certified upon completion of the course. They must meet all the testing and skill requirements in order to receive their certification.

**Veterinary Science** is an introductory course designed to teach basic skills in animal care and explore animal-related careers. Content includes 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.

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

<p><b>Automotive Technology</b> introduces students to the different areas involved in auto repair and maintenance. Students will develop an understanding of how a car works and the different facets of car ownership and care.</p> <p><b>Computer Systems Technology</b> is an introductory program for students who enjoy building, repairing, or troubleshooting PC computers, basic electronics, and networking. Students will also be introduced to various computer applications.</p> <p><b>Cosmetology</b> introduces students to the foundation of hair, nail, and skincare.</p> <p><b>Criminal Justice</b> 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.</p> <p><b>Early Childhood Education and Services</b> is ideal for students interested in pursuing the field of education, especially those who have a passion for working with younger children.</p> <p><b>Electricity &amp; Cabling</b> is designed to introduce students to electricity-related occupations. Basic principles of electricity are stressed with emphasis on residential wiring.</p>	<p><b>Hospitality, Tourism, and Catering</b> Students will participate in hands-on cooking demonstrations, learn basic culinary techniques, plan events and explore the hospitality industry including food and beverage (catering), lodging, recreation, travel, and tourism.</p> <p><b>Nurse Aide</b> is an introduction to nursing, focusing on basic nursing skills such as communication, CPR, first aid, and patient care.</p> <p><b>Radio Broadcasting and Journalism</b> focuses on learning about the Production Studio. Learn about the history of audio editing to various platforms with an emphasis on Adobe Audition. Students will experience the process of digital audio production via hands-on projects; including sports announcing.</p> <p><b>Veterinary Science</b> is an introductory course designed to teach basic skills in animal care and explore animal-related careers. Content includes animal behavior, breeds and species, basic animal anatomy, restraint and handling, feeding/nutrition, animal grooming, facility maintenance and cleaning, and workplace readiness.</p>
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### 2021 CTE SUMMER POLYTECH COURSE OFFERINGS FOR RISING 6th - 12th GRADERS REGISTRATION FORM

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

<p style="text-align: center; color: red;"><b>ACE Center at Hermitage</b></p> <p><b><u>Rising 9th-12 Grade Students - 0.5 Credit</u></b></p> <p><input type="checkbox"/> Automotive Technology</p> <p><input type="checkbox"/> Barbering</p> <p><input type="checkbox"/> CAD and 3D Animation</p> <p><input type="checkbox"/> Cosmetology</p> <p><input type="checkbox"/> Culinary Arts</p> <p><input type="checkbox"/> Diesel Technologies</p> <p><input type="checkbox"/> Electricity &amp; Cabling</p> <p><input type="checkbox"/> Graphic Communications</p> <p><input type="checkbox"/> Legal &amp; Medical Systems</p> <p><input type="checkbox"/> Nurse Aide</p> <p><input type="checkbox"/> Sports Medicine</p> <p><input type="checkbox"/> STEM and Precision Machining</p> <p><input type="checkbox"/> Veterinary Science</p> <p><input type="checkbox"/> Web Development and Programming</p> <p><b><u>Rising 6th-8th Grade Students - No Credit</u></b></p> <p><input type="checkbox"/> Automotive Technology</p> <p><input type="checkbox"/> Cosmetology</p> <p><input type="checkbox"/> Criminal Justice</p> <p><input type="checkbox"/> Veterinary Science</p> <p>For classes at the ACE Center at Hermitage, send registration with payment or receipt, if you paid online, to  <b>ACE Center at Hermitage ATTN:          Summer Polytech          8301 Hungary Spring Road Henrico, VA 23228</b></p> <p><b>Checks payable to:          "ACE Center at Hermitage"</b></p> <p>Registration link for Hermitage:  <a href="https://forms.gle/BVmRgJ8uabPPYv7w5">https://forms.gle/BVmRgJ8uabPPYv7w5</a></p> <p>Online payment: <a href="https://osp.osmsinc.com/HenricoVA/default.aspx">https://osp.osmsinc.com/HenricoVA/default.aspx</a></p>	<p style="text-align: center; color: red;"><b>ACE Center at Highland Springs</b></p> <p><b><u>Rising 9th-12th Grade Students - 0.5 Credit</u></b></p> <p><input type="checkbox"/> Auto Body Repair</p> <p><input type="checkbox"/> Automotive Technology</p> <p><input type="checkbox"/> Computer Systems Technology</p> <p><input type="checkbox"/> Cosmetology</p> <p><input type="checkbox"/> Creation Station</p> <p><input type="checkbox"/> Criminal Justice</p> <p><input type="checkbox"/> Early Childhood Education and Services*</p> <p><input type="checkbox"/> High Tech Academy</p> <p><input type="checkbox"/> Masonry</p> <p><input type="checkbox"/> Radio Broadcasting and Journalism</p> <p><input type="checkbox"/> Pharmacy Technician</p> <p><b><u>Rising 6th-8th Grade Students - No Credit</u></b></p> <p><input type="checkbox"/> Computer Systems Technology</p> <p><input type="checkbox"/> Cosmetology</p> <p><input type="checkbox"/> Early Childhood Education and Services*</p> <p><input type="checkbox"/> Electricity and Cabling</p> <p><input type="checkbox"/> Hospitality, Tourism &amp; Catering</p> <p><input type="checkbox"/> Radio Broadcasting and Journalism</p> <p><input type="checkbox"/> Nurse Aide</p> <p>For classes at the ACE Center at Highland Springs, send registration with payment or receipt, if you paid online, to  <b>ACE Center at Highland Springs ATTN:          Summer Polytech          100 Tech Drive          Highland Springs, VA 23075</b></p> <p><b>Checks payable to          "ACE Center at Highland Springs"</b></p> <p>Registration link for Highland Springs:  <a href="https://forms.gle/BVmRgJ8uabPPYv7w5">https://forms.gle/BVmRgJ8uabPPYv7w5</a></p> <p>Online payment: <a href="https://osp.osmsinc.com/HenricoVA/default.aspx">https://osp.osmsinc.com/HenricoVA/default.aspx</a></p>
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General Information

Tuition is \$50 per course. Only Henrico County residents may enroll in Summer Polytech.

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

Transportation by HCPS will begin on the first day, June 21, 2021. Bus schedules will be sent via email on or before June 18, 2021. Be sure that your email address is clearly written on the registration form. Students will be picked up from and returned to the elementary school you list on the registration form.

Classes are filled on a first-come/first-served basis. The registration with payment or receipt, if you pay online, need to be received before your student will be registered in a course.

Applications will not be processed before April 12, 2021. Rising 9th-12th grade students will be able to receive 0.5 credits from the 3-week course. Rising 6th-8th grade students will not receive credit.

The withdrawal deadline is June 18, 2021, by 3:00 pm

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

Student Name \_\_\_\_\_  
Grade level for 2021-2022 \_\_\_\_\_ Date \_\_\_\_\_

School Attending 2021-2022 \_\_\_\_\_  
Name of HCPS Elementary School nearest to your home \_\_\_\_\_  
Parent Name \_\_\_\_\_ Parent Email \_\_\_\_\_

Primary Phone ( ) \_\_\_\_\_ Secondary Phone ( ) \_\_\_\_\_  
Student Birthdate \_\_\_\_\_

Address \_\_\_\_\_  
City \_\_\_\_\_  
Zip \_\_\_\_\_

My student, \_\_\_\_\_, has my permission to attend the CTE Summer Polytech to be held June 21-July 08, 2021. Once courses are registered, a confirmation email and forms to be completed prior to the first day of classes will be mailed to your email account.

Parent/Guardian Signature \_\_\_\_\_ Date \_\_\_\_\_

# 2021 Summer SOL & WorkKeys Testing

## For Students Enrolled in a Summer School Course

English 10 Writing SOL: July 20 (Multiple Choice) and July 21 (Prompt)

Non-Writing SOL tests: August 2<sup>nd</sup> with expedited retakes on August 4<sup>th</sup>

Online courses will take the SOL tests on Monday August 2<sup>nd</sup> at 10AM at Hermitage High School

## For Students Not Enrolled in a Summer School Course

High school students who have passed a class but have not passed the associated EOC SOL test(s) needed for graduation will have the opportunity to take one or more tests at Hermitage or Varina High Schools. Students who wish to test will either register for and participate in a Project Graduation Refresher Session or register to test only. Registrations for all testing are online and accepted until **June 18, 2021**. See the summer academy website's Project Graduation page for details and links for the signups.

### **Project Graduation Refresher Sessions & Test Dates:**

#### **Session 1: July 12-15, test on July 15**

- WorkKeys: Business Writing (Substitute for Writing SOL)

#### **Session 2: July 19-22, test on July 22**

- WorkKeys: Workplace Documents (Substitute for Reading SOL)
- EOC SOL tests: Earth Science, Biology, World History 1, VA & US History, Algebra 1, & Geometry
- WISE Test: Economics and Personal Finance
- Edgenuity (online tutoring class) offered for EOC SOL Tests: Algebra 2, World History 2, & Chemistry, **students will test per the Testing Only schedule below**

#### **Session 3: July 26-29, test on July 29**

- EOC SOL tests: Earth Science, Biology, World History 1, VA & US History, Algebra 1, & Geometry
- WISE Test: Economics and Personal Finance

### **Testing Only (no Refresher Session) dates are as follows:**

July 26: World History 1, World History 2, World Geography, VA & US History, Reading (English 11)

July 27: Earth Science, Biology, Chemistry

July 28: Algebra 1, Algebra 2, Geometry

Students in grades 10-12 who are new to Henrico County Public Schools from outside the state of Virginia, from a private school, or from homeschooling, who have passed an End-of-Course class but have not taken the corresponding SOL test needed for graduation, may also take the tests with or without refresher, provided they have already enrolled with Henrico County Public Schools. These students must also submit the appropriate testing registration online by **June 18, 2021**.