WELCOME TO OUR INFORMATIONAL TOWN HALL: CAREER AND TECHNICAL EDUCATION (CTE)
NORMS

ALL MICROPHONES WILL REMAIN MUTED

THIS SESSION WILL BE RECORDED
AGENDA

- Staff Introductions
- Overview
- What is CTE?
- Who We Are
- CTE Signature Programs
- CTE at a Glance
- Overview of Career Clusters
- CTE Student Organizations
- Summer Bridge Opportunities
- Registration Overview
- Transportation
- Application Information
- For More Information
STAFF INTRODUCTIONS

Dr. Jean-Paul Cadet, Director

Quiana Bannerman, Instructional Supervisor

Darlene Bruton, Instructional Supervisor

Keith Hayes, Instructional Supervisor

Rhonda Taylor, Instructional Supervisor
WHAT IS CTE?

GET PREPARED

#PGCPSCTE

PRINCE GEORGE’S COUNTY PUBLIC SCHOOLS • www.pgcps.org
What is CTE?

CTE provides high-quality instructional programs that will prepare students for college and careers by offering experiential learning, post-secondary credits, and industry certifications. Students will gain technical and high-level academic skills, equipping them to be lifelong learners and contributing members of society.

Where is CTE?

- CTE Programs of Study are located across all of our PGCPS high schools.
- Please visit https://offices.pgcps.org/career-technical-education/ to view the orientation documents and for more information about student expectations and program details.

Why Choose CTE?

Career and Technical Education (CTE) Programs of Study help students gain the skills, technical knowledge, academic foundation, and real-world experiences they need to prepare for high-skill, high-demand, and high-wage careers.

How to join CTE?

After applying, qualified students will receive a notice of acceptance, waitlist or denial status. Once accepted, documentation will be required for registration for sites other than the base school.
CTE for the 21st Century

- WE ARE NOT VOC-TECH; WE ARE COLLEGE & CAREER BUILDERS
- WE PREPARE STUDENTS FOR HIGH-WAGE, HIGH-SKILL, HIGH-DEMAND CAREERS
- WE CONNECT THE CLASSROOM TO THE REAL WORLD

CTE = College = Career

- CTE STUDENTS MATRICULATE TO COLLEGES AND UNIVERSITIES AT HIGHER RATES THAN INTO THE WORKFORCE
- CTE STUDENTS ENTER COLLEGES/UNIVERSITIES WITH POST-SECONDARY CREDENTIALS AND RESOURCES
- CTE STUDENTS HAVE A REFINED FOCUS ON THEIR MAJOR THROUGH EARLY EXPOSURE IN HIGH SCHOOL

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WHO WE ARE...

CTE is:

❖ ON-TIME GRADUATION
❖ DUAL COLLEGE ENROLLMENT/CREDIT OPTIONS
❖ CERTIFICATIONS, LICENSURES, AND PROFESSIONAL ENDORSEMENTS
❖ ADVANCED SELECTION/PREPARATION FOR FUTURE LIFE CHOICES
❖ PREPARATION FOR A LIFETIME THROUGH TRANSFERABLE SKILLS
CTE SIGNATURE PROGRAMS

- Pathways in Technology Early College High School (P-TECH) (Frederick Douglass HS)
- 3DE by Junior Achievement (Potomac HS)
- TalentReady (Largo HS)
- Fire Cadet Academy (Gwynn Park HS & Charles H. Flowers HS)
- CTE Evening HS (Bladensburg HS)
- CTE Science Technology and Advanced Trades (STAT) (Crossland HS)
- Registered Apprentice Program (PGCPS)
- Amazon BootUp (Elementary Schools)
- Amazon Future Engineer (Charles H. Flowers HS, Chesapeake Math and IT South, College Park Academy, Dr. Henry A. Wise Jr. HS, Fairmont Heights HS, Friendly HS, Gwynn Park HS, High Point HS, Oxon Hill HS, Parkdale HS)
CTE AT A GLANCE
ARTS, MEDIA, AND COMMUNICATION

Interactive Media Production (IMP)  Graphic Communications (PrintEd)

Locations: Locations:
DuVal HS  Suitland HS

Industry Certifications and Licensure
- Adobe Illustrator
- Adobe Photoshop
- Adobe InDesign
- Adobe Premiere Pro
- Adobe Dreamweaver
- Graphic Communications
- Digital Production Printing

Program Contact:
Darlene Bruton, Instructional Supervisor
darlene.bruton@pgcps.org
# BUSINESS MANAGEMENT AND FINANCE

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<tr>
<th>Accounting</th>
<th>Business Administrative Services</th>
<th>Business Management</th>
<th>Academy of Finance (NAF)</th>
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## Industry Certifications and Licensure
- A*S*K Certification
- Microsoft Office Specialist Certifications in Excel and Word
- Principles of Management or Financial Accounting College Level Examination Program
- NAFTtrack Certification

## Articulated Credit
- Bowie State University
- University of Maryland Eastern Shore
- Prince George’s Community College

Program Contact: Quiana Bannerman, Instructional Supervisor
quianna.bannerman@pgcps.org

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## CONSTRUCTION AND DEVELOPMENT

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<tr>
<th>Electrical</th>
<th>Carpentry</th>
<th>Heating, Ventilation and Air Conditioning</th>
<th>Masonry</th>
<th>Plumbing</th>
<th>Construction Design Management</th>
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### Industry Certifications and Licensure
- NCCER Certificate Level 1 & 2
- OSHA 10
- Revit
- AutoCad

### Special Projects
- Student-Built House Project
- Registered Apprenticeship Program

Program Contact: Rhonda Taylor, Instructional Supervisor
rtaylor@pgcps.org

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## CONSUMER SERVICES, HOSPITALITY, AND TOURISM

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<tr>
<th>Barbering</th>
<th>Cosmetology</th>
<th>Culinary Arts</th>
<th>Food and Beverage Management (ProStart)</th>
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### Industry Certifications and Licensure
- Maryland Board of Barbers License
- Maryland Board of Cosmetologists License
- Junior Culinarian
- ServSafe Certification

**Program Contact:**
Rhonda Taylor, Instructional Supervisor
rtaylor@pgcps.org
ENVIRONMENTAL, AGRICULTURE, AND NATURAL RESOURCES

Curriculum for Agriculture Science Education (CASE), Animal Science and Natural Resources

Locations:
Fairmont Heights HS
High Point HS
Gwynn Park HS

Industry Certifications and Licensure
- CASE End-of-Course Exam for each course except for the capstone course. Students who pass an EOC exam may be eligible to earn college credit.

Articulated Credit
- University of Maryland Institute of Applied Agriculture
- Rutgers University

Program Contact:
Darlene Bruton, Instructional Supervisor
darlene.bruton@pgcps.org
EVENING HIGH SCHOOL AT BLADENSBURG HS

Culinary Arts  Health Professions: Certified Nursing Assistant (CNA)/ Geriatric Nursing Assistant (GNA)  Carpentry

Industry Certifications and Licensure
- Junior Culinarian
- ServSafe Certification
- Certified Nursing Assistant / Geriatric Nursing Assistant
- NCCER Certificate Level 1 & 2
- OSHA 10

Program Contact:
Carla Pierce, Program Coordinator
calla.pierce@pgcps.org
Felicia Colbert, Program Coordinator
felicia.colbert@pgcps.org
**HEALTH AND BIOSCIENCES**

**Biomedical Science: Project Lead the Way (PLTW)**
- **Locations:**
  - Bladensburg HS
  - Dr. Henry A. Wise Jr. HS

**Health Professions: Biotechnology**
- **Locations:**
  - Crossland HS

**Health Professions: Certified Nursing Assistant (CNA) / Geriatric Nursing Assistant (GNA)**
- **Locations:**
  - Bladensburg HS
  - Crossland HS
  - Laurel HS
  - Suitland HS

**Health Professions: Certified Clinical Medical Assistant (CCMA)**
- **Locations:**
  - Dr. Henry A. Wise Jr. HS
  - Friendly HS
  - Largo HS

**Health Professions: Pharmacy Technician**
- **Locations:**
  - Bladensburg HS

**Industry Certifications and Licensure**
- Certified Nursing Assistant / Geriatric Nursing Assistant
- Certified Clinical Medical Assistant
- Exam for the Certification of Pharmacy Technicians (ExCPT)
- Biotechnician Assistant Credentialing Exam (BACE)
- End-of-course Exam that are eligible for college credit at Stevenson University

**Articulated and Transcribed Credit**
- Stevenson University

Program Contact:
Darlene Bruton, Instructional Supervisor
darlene.bruton@pgcps.org
### HUMAN RESOURCE SERVICES

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<td>Locations: Charles H. Flowers HS</td>
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<td>Locations: Bowie HS, Central HS, Charles H. Flowers HS, Dr. Henry A. Wise Jr. HS, Eleanor Roosevelt HS, Fairmont Heights HS, Gwynn Park HS, Friendly HS, Largo HS, Laurel HS, Northwestern HS, Oxon Hill HS, Parkdale HS, Potomac HS, Suitland HS, Surrattsville HS</td>
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### Industry Certifications and Licensure
- Firefighter I & II
- Hazardous Materials Awareness
- Emergency Medical Technician
- CPR/First Aid
- Federal Emergency Management Agency (FEMA)
- JROTC completion is eligible for advanced enlistment rank

### Articulated Credit
- Frederick Community College (Homeland Security and Emergency Preparedness)

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Program Contact: Keith Hayes, Instructional Supervisor
keith.hayes@pgcps.org
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<tr>
<th>Program</th>
<th>Locations</th>
<th>Industry Certifications and Licensure</th>
<th>Program Contact</th>
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<tr>
<td>Early Childhood Education/Child Care</td>
<td>Bowie HS, Central HS</td>
<td>• 90-clock hour Senior Staff Certification</td>
<td>Rhonda Taylor, Instructional Supervisor</td>
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<td></td>
<td>C.H. Flowers HS</td>
<td>• Child Development Associate (CDA) Certification</td>
<td><a href="mailto:rTaylor@pgcps.org">rTaylor@pgcps.org</a></td>
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<td>Dr. Henry A. Wise HS</td>
<td>• Americans with Disabilities Act (ADA) Certification</td>
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<td>Friendly HS, High Point HS</td>
<td>• ParaPro Certification</td>
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<td>Adolescent Single Parenting Program (ASPP)</td>
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IT Networking Academy (CISCO)

Locations:
- Crossland HS
- DuVal HS
- Gwynn Park HS
- Laurel HS
- Dr. Henry A. Wise HS

Computer Science

Locations:
- DuVal HS
- Fairmont Heights HS
- Charles H. Flowers HS
- Gwynn Park HS
- High Point HS

TalentReady

Locations:
- Largo HS

Industry Certifications and Licensure

- CompTIA Network+, CompTIA Security+, and CCNA
- Microsoft Technology Associate (MTA) Networking Fundamentals, MTA Security Fundamentals, MTA Programming Using Python, MTA Programming Using HTML and CSS, MTA Introduction to Programming Using Java
- Oracle Certified Associate, Java SE 8 Programmer, Database Foundations Certified Junior Associate, Oracle Database Certified Associate, Oracle PL/SQL Developer Certified Associate

Program Contact:
Quiana Bannerman, Instructional Supervisor
quiana.bannerman@pgcps.org

PRINCE GEORGE’S COUNTY PUBLIC SCHOOLS • www.pgcps.org
MANUFACTURING, ENGINEERING, AND TECHNOLOGY

Pre-Engineering - Project Lead the Way (PLTW)

Locations:
Charles H. Flowers HS
Crossland HS
DuVal HS
Northwestern HS
Oxon Hill HS

InTECS - Integrating Technology, Engineering, and Computer Science

Locations:
Crossland HS

Industry Certifications and Licensure
- Microsoft Technology Associate (MTA)
- Software Development Fundamentals
- Windows Development Fundamentals
- Web Development Fundamentals
- AutoCAD
- Revit
- Computer Aided Design (CAD) Technician

Program Contact:
Darlene Bruton, Instructional Supervisor
darlene.bruton@pgcps.org

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TRANSPORTATION TECHNOLOGIES

Auto Body Repair

Locations:
Laurel HS

Automotive Technician

Locations:
Crossland HS
Laurel HS

Industry Certifications and Licensure

- I-CAR Certification
- Automotive Service Excellence Certification (ASE)
- National Automotive Technician Education Foundation Certificate (NATEF)

Program Contact:
Quiana Bannerman, Instructional Supervisor
quiana.bannerman@pgcps.org
The Career Explorers Summer Camp provides rising 9th and 10th grade students with enrichment opportunities to explore and discover their passion in various industry concentrations of their choice at no cost. Transportation and meals are provided.

CTE teachers and special educators will deliver real-time, activities that are hands-on and engaging to help students match their career goals and interests and to increase awareness of related Career and Technical Education (CTE) programs.

**Who Should Apply:** All rising 9th and 10th grade students

P-TECH, 3DE, and Talent Ready also offer Summer Bridge Programs for students admitted to those programs.
REGISTRATION INFORMATION

Registration / Enrollment

- Government issued photo identification for the parent/legal guardian
- Original proof of birth for the student with seal and parents name listed
- CTE Acceptance letter
- Health related documents
- Last report card/transcript
- Proof of residency

Please visit https://www.pgcps.org/registration/ for specific details.
Transportation is provided for most students who are admitted into a Career and Technical Education Program*.

*Please note: Transportation routes and center location are based upon students' addresses in SchoolMax and boundary rules of the respective CTE Program.
Applications are now available on: https://offices.pgcps.org/career-technical-education/cards/CTE-Applications/

Or, visit pgcps.org, click Academics, click Career and Technical Education, click CTE Applications

*The Application window closes on January 15, 2021.*

All current PGCPS and non-PGCPS 8th, 9th, and 10th graders are encouraged to apply!
FOR MORE INFORMATION

Please contact us:

**General Inquiries**
- [cte.programs@pgcps.org](mailto:cte.programs@pgcps.org)

**Computer Science, Information Technology, Transportation Technologies, and Business**
- Mrs. Quiana Bannerman ([quiiana.bannerman@pgcps.org](mailto:quiiana.bannerman@pgcps.org))

**PLTW, Environmental Studies, Interactive Media Production, PrintEd, Health and Bio-Sciences**
- Mrs. Darlene Bruton ([darlene.bruton@pgcps.org](mailto:darlene.bruton@pgcps.org))

**Military Science, Homeland Security, Fire Cadet/EMT, and Administrative Law & Justice**
- Mr. Keith Hayes ([keith.hayes@pgcps.org](mailto:keith.hayes@pgcps.org))

**Adolescent Teen Parent, Consumer Service & Hospitality and Tourism, Construction Trades**
- Ms. Rhonda Taylor ([rtaylor@pgcps.org](mailto:rtaylor@pgcps.org))

**P-Tech and Business Partnerships**
- Mrs. Tara Williams ([tara.anderson@pgcps.org](mailto:tara.anderson@pgcps.org))

**Registered and Youth Apprenticeship**
- Ms. Amy Rock ([amy.rock@pgcps.org](mailto:amy.rock@pgcps.org))

**Special Projects, Programs, and Initiatives**
- Mrs. Danielle Carter ([danielle.carter@pgcps.org](mailto:danielle.carter@pgcps.org))

**Follow us on Twitter and Instagram:**
@PGCPSCTE
BREAKOUT SESSION
★ CTE Program Listing by School SY21-22
★ CTE Program Brochures - English
★ CTE Program Brochures - Spanish
★ CTE Program Brochures - French
January 7, 2021
CTE Informational Town Hall Questions:

1. How do you apply?
   The CTE application for all 2, 3, and 4 year programs are available at https://offices.pgcps.org/career-technical-education/cards/CTE-Applications/

2. Benefits of a CTE program?
   Career Technical Education (CTE) provides students of all ages with the academic and technical skills, career-oriented exposure, and the knowledge and training necessary to succeed in future careers and to become lifelong learners.

3. Is there a minimum GPA requirement for admission? There is no GPA requirement for admission to the program but you are expected to keep up attendance.

4. What are the program requirements?
   Current tenth grade students, rising juniors, can apply for our two-year programs. Although there is no GPA requirement, 2.0 GPA and a grade of a “C” or higher in Algebra and/or Biology is desirable.

   Attendance follows the PGCP S attendance policy.

5. What are the benefits of the CTE program?
   ● Students graduate prepared for college and career in fields that are high-wage, high skill, high demand
   ● Many CTE courses led to industry licenses and certifications

6. Do students need to purchase anything to participate in the cosmetology program?
   Students purchase their cosmetology kit, approximately $500.00

7. What is your criteria for acceptance if the number of students exceeds the number of slots available?
   If we have more applicants than slots available, we will do a lottery

8. How does the CTE schedule work with school?
   CTE courses are typically scheduled as students’ elective courses.

9. When will the students be notified of acceptance?
   Once the application window is closed.

10. As many concerned parents, how will students participate in one of these programs during the pandemic and distance learning? Specifically, the “hands-on” learning that is needed in the program. The CTE director is currently working on a plan that will allow students to complete their “hands on” requirement.

11. Does CASE Animal Science and Natural Resources connect with marine biology?
   Not specifically. Most of the animal science content relates to husbandry, however, if a student is interested in marine biology, they will gain some knowledge of various animals/marine life such as working with tilapia in the aquaponic systems and the oyster restoration project organized through the Chesapeake Foundation.
12. In the school year 2021-2022 I will be a junior. I am mostly interested in the Certified Clinical Medical Assistant program. Would I be able to do only two years of the program since I did not start my sophomore year?  
   No, CTE programs are 2, 3, and 4 year programs of study.  
   High school juniors are encouraged to focus on completing courses and requirements for graduation.
13. For the evening high school program, would we still go to our boundary high schools? **Yes.** Evening programs are at Bladensburg High.
14. Will job placement occur when the program is finished? **Every effort is made to provide CTE students with an internship and/or apprenticeship experience.**
15. Are children with an IEP or 504 plan allowed to participate in the programs? **YES**
16. Are their internships or other ways the students can gain on the job training through the programs? **Yes** there are many CTE programs that offer on the job training. For more information visit the CTE website at https://offices.pgcps.org/career-technical-education/
17. What are the requirements for Firefighter/EMT program? **Junior (Age 16)** Good physical condition, aptitude for science
18. Do the programs have partnerships and/or sponsorships with corporations? **Yes, too many to list**
19. How are the classes structured?  
   **Industry based curriculum/ instruction with labs/ hands-on instruction to prepare students for industry certifications/licensure**
20. As an 8th grader I am not doing well virtually. However, why should I be jeopardized for being considered for a career program that I want to be able to do in my adult life. **CTE encourages all students to explore career options as the enter highschool. In the 9th grade year explore, prepare, and apply we are here to support.**
21. Are these programs only available to students at the boundary school? If my child doesn’t go to those boundary schools are they still able to apply? **Some programs are only available at boundary schools. Students may not apply for these programs if they are not residing in that school’s boundary.**
22. I have three possible choices; will I get accepted in all 3 and then have to choose? **Students will prioritize their program choices.**
23. Will I receive transportation if it is not my boundary school? **Yes, if the program is an open-boundary program.**
24. What are the hours for the evening high school program? **The hours are 4:45 pm - 9:30 pm**
25. Are there pathways to college programs? **All CTE programs are pathways to college programs. The following provide opportunities to earn a AA degree P-Tech programs are Pathways to College. 3 DE, and Talent Ready.**  
   **PLTW Engineering students may be eligible to obtain college credit for some of their courses provided students meet GPA and testing requirements as well as pay the fee to obtain the credit through one of PLTW’s partner universities.**
26. Are students able to transfer to schools that offer CTE programs that are not available at their current boundary school? Only to schools that are listed as under enrolled - See Student Transfer Office webpage

The PLTW Engineering Program is only offered in-boundary at the following high schools: C. H. Flowers, Crossland, DuVal, Northwestern and Oxon Hill High Schools.

27. Does the CTE program allow participation in sports? Yes. Students can participate in all programs available to other students.

28. Will students be able to choose their program location? Students will receive transportation to program locations.

29. Will students work in the field during their senior year?

Selected students will work with the school system maintenance apprenticeship program in their senior year.

30. Will there be bus service for out of boundary students?
Yes

31. What will virtual learning look like?

During virtual learning, students continue to be engaged in theoretical and project-based learning, where applicable and possible. Students engage in some small projects, individual projects, and virtual experiential opportunities.

32. How will students receive support with the internship experience?

The Apprenticeship Maryland Program is for students, ages 16 and up, and is designed to lead to sustainable employment and further education based on career pathways in Science, Technology, Engineering, and Mathematics (STEM) occupations.

Website Link: Apprenticeship Maryland Program (AMP) "Youth Apprenticeship"

33. Does the engineering program include mechanical engineering?

The second course in the PLTW Engineering Program, Principles of Engineering (or POE), covers some mechanical engineering concepts in addition to related concepts like reverse engineering and thermodynamics.

34. Is there a placement test given to attend CTE?

No.

35. Does the student need to maintain a certain GPA to remain in this program? Yes

36. What additional online education/training exists to nurture the student?

Online, virtual resources and opportunities are shared with students.

37. What opportunities exist for middle school students to develop their interest in these fields now?

The PLTW Engineering Program has a program for middle school students called Gateway to Technology (GTT). However, it is only offered at the following schools: Benjamin Stoddert, Nicholas Orem, Stephen Decatur and Thurgood Marshall Middle Schools. A GTT program is scheduled to open at Ernest Just Middle School in SY201-22. The GTT program is designed to allow students to explore engineering concepts while applying science, math and technology skills in middle school.

38. Are there courses in high school that would prepare for sports management college courses?

The Business and Finance Program provides courses to prepare high school students for employment and advancement in the business industry. Students
learn the basics of entrepreneurship, the foundations of business, finance, accounting, communications, technology, and Microsoft Office tools. They learn about various financial analysis strategies and the methods by which businesses raise capital.

39. After completing the CTE program, does the student receive a certification? Most CTE programs prepare students for industry certifications/ licensure.

40. How is virtual learning affecting these programs?
   All students will receive daily distance learning opportunities in “real time” with their teachers. They will have access to instructional materials for use at home during distance learning, including materials for Career and Technical Education. Each student will receive instructional materials based on grade level and course of study. If they do not have one at home, students will be provided a technology device to attend classes, access online platforms, complete assignments and communicate with teachers. Assignments will be graded and recorded in SchoolMax.
Thank you for joining us!