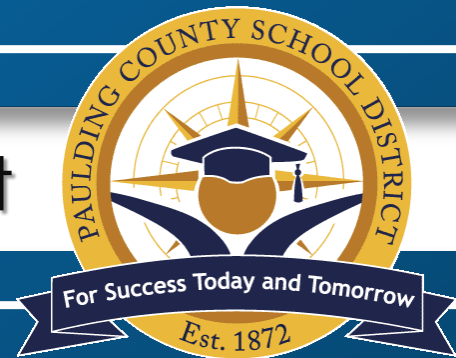


# Paulding County School District

January 6, 2022

PCSD Academies LIVE Event



# Welcome!

## PCSD Academies LIVE Broadcast



**Dr. Keith Rowland**

Executive Director of 6-12 Teaching and Learning

# Career Focus for each Academy

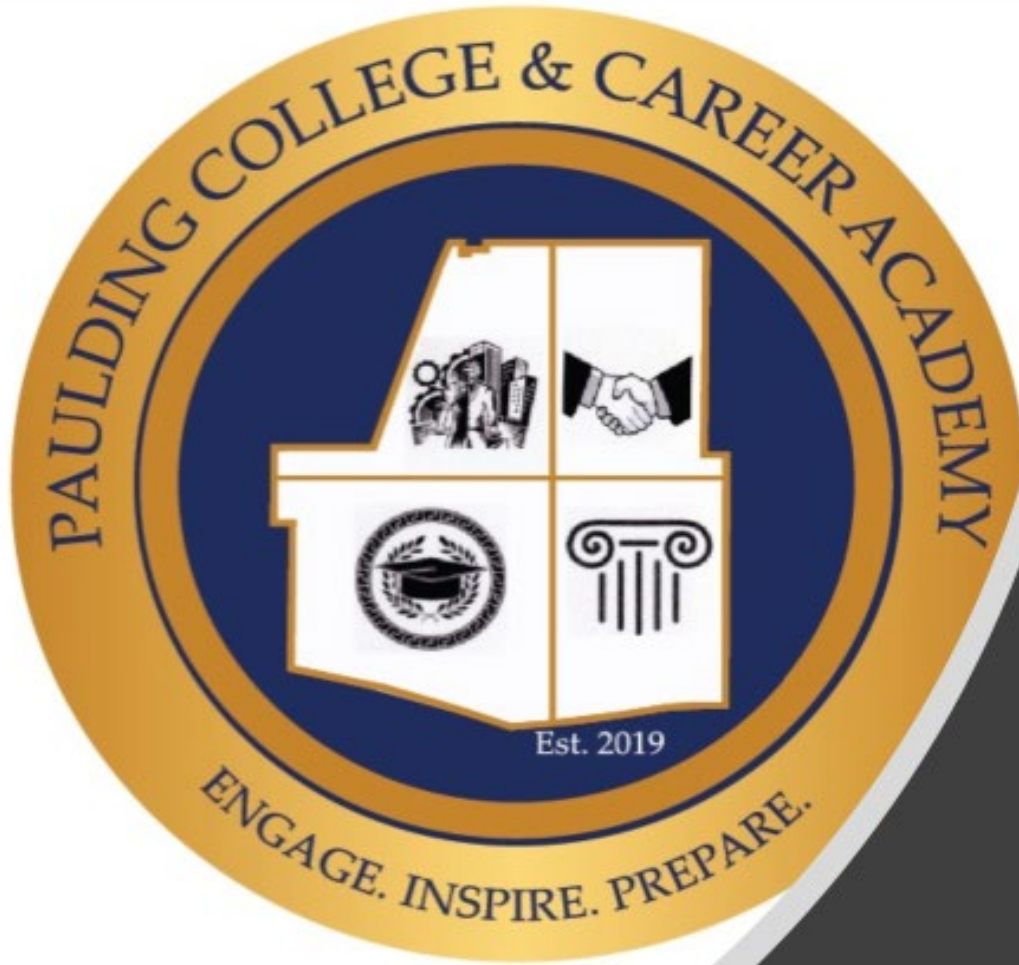
- **Paulding College and Career Academy:** Healthcare, Energy, Mechatronics and Cybersecurity
- **South Paulding High School AIM Academy:** Engineering & Technology
- **Hiram High School HACS Academy:** Computer Science
- **Paulding County High School Academy of Science, Research, and Medicine:** Allied Health and Biotechnology

# Applications

**Applications Open:  
Monday, January 10, 2022**

**Applications Close:  
Friday, February 18, 2022**

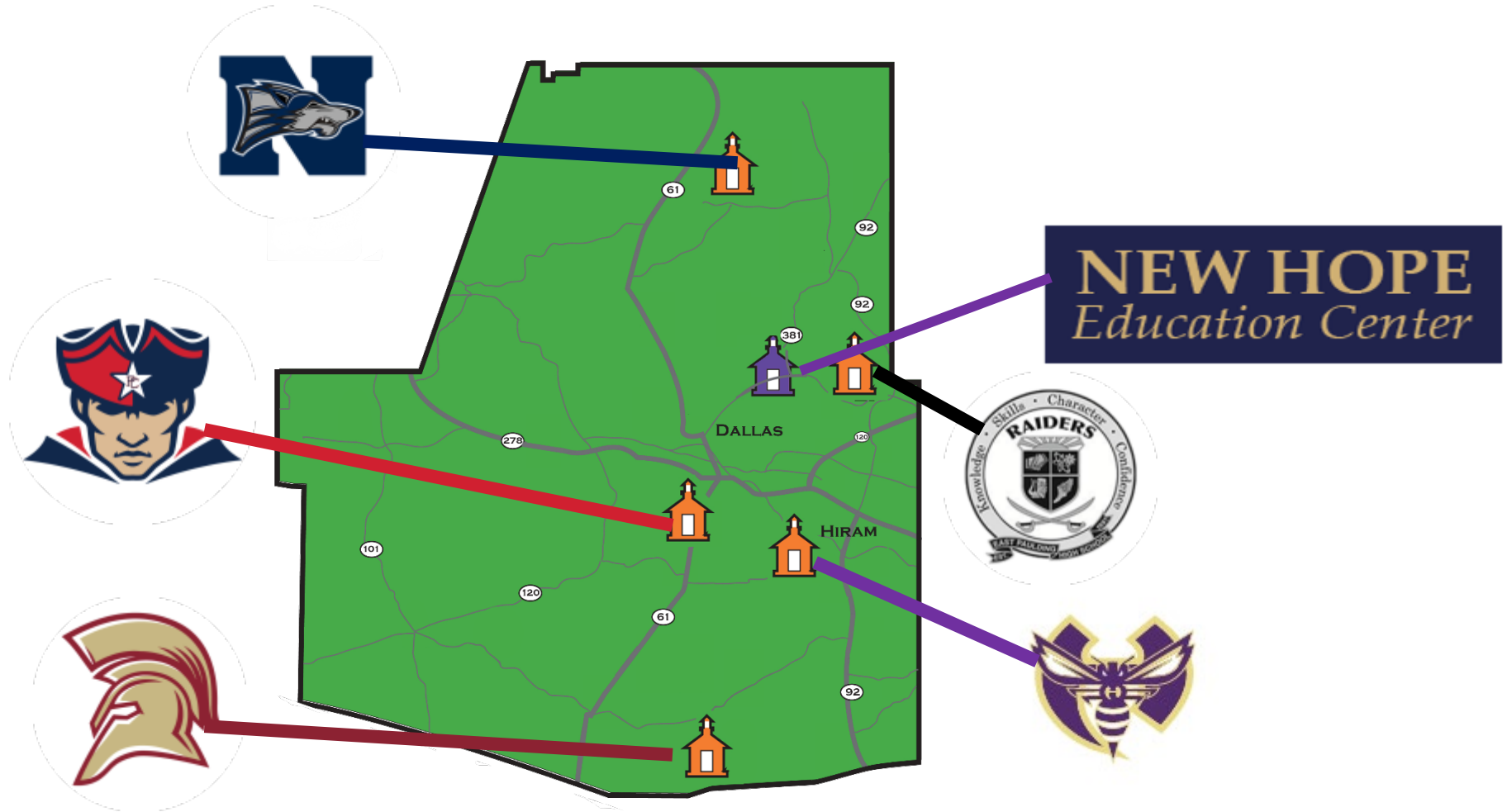
# Paulding College and Career Academy



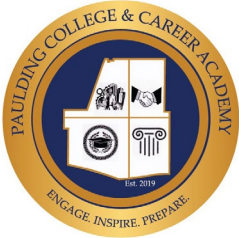
## Paulding College & Career Academy

Marores Perry, PCCA CEO  
[mperry@paulding.k12.ga.us](mailto:mperry@paulding.k12.ga.us)

# Paulding College & Career Academy



# Paulding College & Career Academy



## PCCA Highlights

- **Transportation is provided from a student's home high school**
- **Morning and Afternoon sessions are offered for flexibility of scheduling with other classes**
- **Students will take two classes while at PCCA, which could include CTAE, Core, and Dual Enrollment options**
- **All students can attend PCCA. Counselors can set up your schedule to attend any time between your Freshman and Senior year. Applications should be submitted to let PCCA staff know you would like to attend.**





# Paulding College & Career Academy



## PCCA Pathways



**HEALTHCARE**

**ENERGY**



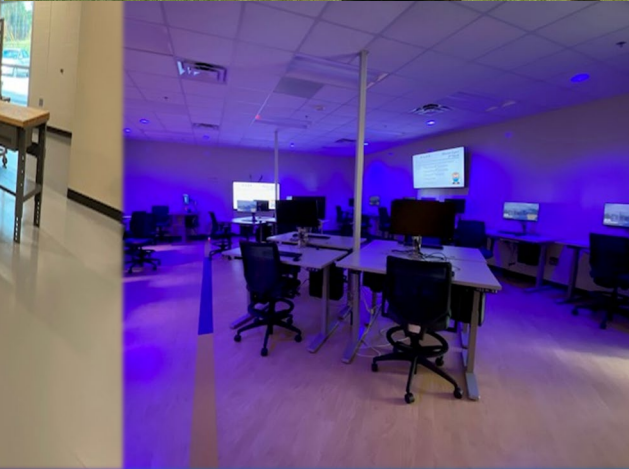
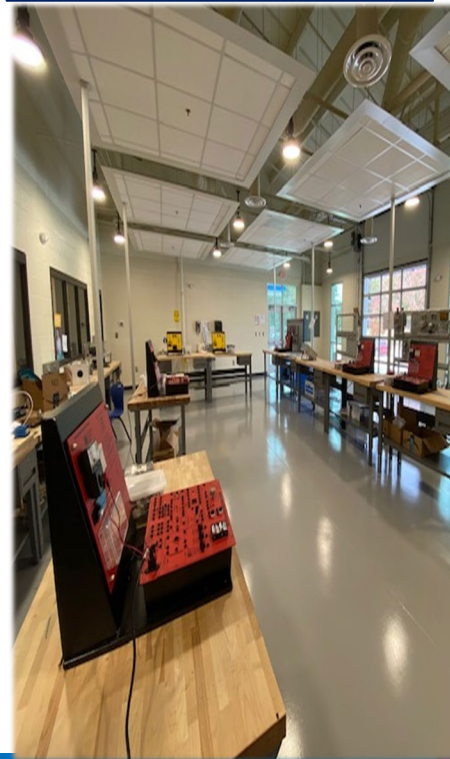
**CYBERSECURITY**

**MECHATRONICS**





# PCCA Labs – Hands on Learning



# PCCA Partners



## PCCA Partners



Wellstar  
HEALTH SYSTEM



GEORGIA  
HERITAGE  
BANK





# Paulding College and Career Academy



PCCA Highlights  
Students can graduate with...



**WORK-BASED  
LEARNING EXPERIENCES**

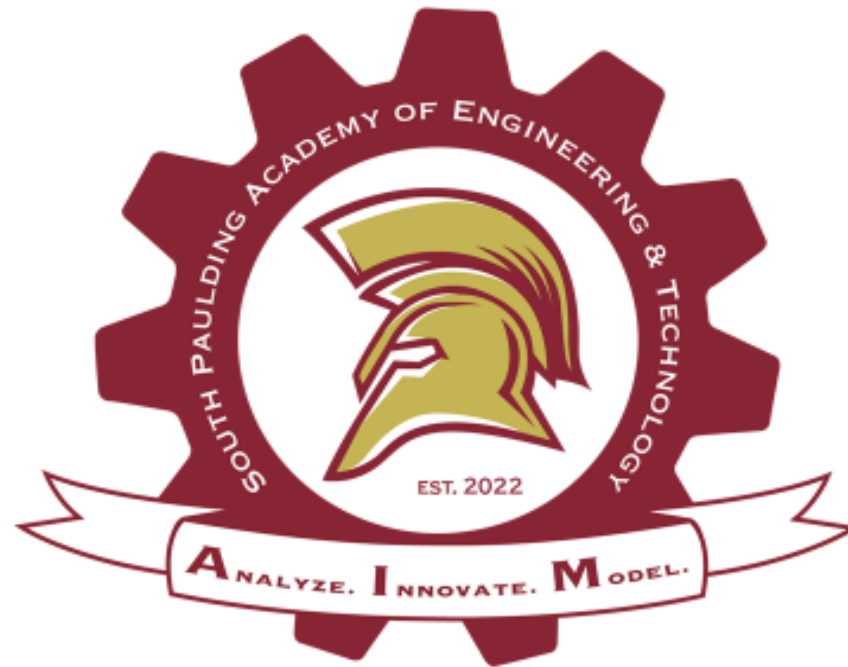


**COLLEGE CREDITS**



**CERTIFICATES FOR  
CAREER**

# SPHS AIM Academy of Engineering & Technology



**Dianna Moyer, SPHS**  
**Assistant Principal**  
[dmoyer@paulding.k12.ga.us](mailto:dmoyer@paulding.k12.ga.us)

# SPHS AIM Academy of Engineering & Technology



## **Academy Firsts 2022-2023**

- First PCSD STEM Academy focused on Engineering & Technology
- New State of the Art Engineering STEM Lab
- First Freshmen Cohort

# SPHS AIM Academy of Engineering & Technology

## Focus: A.I.M.

**Vision:** *To forge Lifelong Learners through Analysis, Innovation, and Modeling to pioneer and lead in the modern world.*

**Analyze-** Analyze to identify problems and answer questions.

**Innovate-** Innovate to effect change using science, technology, engineering, and mathematics.

**Model-** Model design thinking to address complex issues.





# SPHS AIM Academy of Engineering & Technology

## Fields



ENGINEERING



# SPHS AIM Academy of Engineering & Technology



Applications Open January 10  
and Close February 18.

*Applications Available  
on the  
South Paulding High School Website.*

# HHS Academy of Computer Science (HACS)



# Welcome

Misty Cooksey

HHS Principal

[mcooksey@paulding.k12.ga.us](mailto:mcooksey@paulding.k12.ga.us)

Academies Live Event





# HHS Academy of Computer Science

## Why Hiram Academy Computer Science?

Hiram Academy of Computer Science (HACS) desires to engage, inspire and prepare students with a globally relevant computer science education. Our competitive programs are designed for students who desire to think critically and solve real world problems.

# HHS Academy of Computer Science (HACS)

## Why Hiram Academy Computer Science?

- Prepare students for College/Career upon Graduation
- Ability to learn with a diverse student body & smaller school setting
- Unique opportunities to engage with industry professionals to gain valuable knowledge
- Students will have the ability to take AP, DE & WBL throughout the cohort
- State of the Art Computer Science Classroom and experiences
- AP Computer Science (A &B)
- Programming
- DE College Courses with local colleges and universities
- WBL with local business partners
- Opportunities to complete multiple pathways in multiple areas
- Students can graduate with Work Related Certifications, College Credits, and Real-World work experience

# HHS Academy of Computer Science (HACS)

## Job/Career Choices

- Software Engineer/Development
- Cyber Security Engineer
- Web Developer
- Mobile App Developer
- Video Game Developer
- Artificial Intelligence
- Computer Hardware Engineer





# HHS Academy of Computer Science (HACS)

## Transportation/Extracurriculars

- Transportation will be provided from specific hub locations across the county.
  - Locations will be determined by the transportation department once the students have been accepted into the program.
- 
- Students will be eligible to participate in all school-related activities as an incoming 9<sup>th</sup> grader. This includes sports, fine arts programs, clubs, etc.
  - We encourage ALL our students to GET INVOLVED in their Hornet experience!

# HHS Academy of Computer Science (HACS)

## Application Requirements

**To be considered for admission, a complete application packet must include all of the following:**

**Report Card** - attach a copy of the student's most recent 8th grade report card

**YouScience Report** – attach a copy of the student's YouScience Aptitude/Interest Results

**Video Submission** – submitted through the provided link

**Discipline Report** – student's discipline will be a part of the decision-making process

**Three Recommendations Completed through the provided link:**

- \*One from current 8th grade math teacher
- \*One from current 8th grade science teacher
- \*One from current teacher of your choice

**Submit Admissions Application Packet** in its entirety through the online submission found on the Hiram High School Website between January 10<sup>th</sup> and February 18, 2022. **Acceptance Notification by April 1<sup>st</sup>, 2022**

# PCHS Academy of Science, Research, & Medicine



**Kevin Thomas,**  
**PCHS Assistant Principal**  
[kthomas@paulding.k12.ga.us](mailto:kthomas@paulding.k12.ga.us)

# PCHS Academy of Science, Research, & Medicine



## **PAULDING COUNTY HIGH SCHOOL THE ACADEMY OF SCIENCE, RESEARCH AND MEDICINE**

---

**WE BELIEVE THAT INDIVIDUAL SUCCESS WILL STEM FROM AN INNOVATIVE AND  
INTERDISCIPLINARY CULTURE OF LEARNING THAT PREPARES STUDENTS FOR COLLEGE AND  
CAREER READINESS**

# PCHS Academy of Science, Research, & Medicine

## PROGRAM OVERVIEW

- The Academy of Science, Research, and Medicine was established in 2012 and became STEM certified in 2017.
- Academy academic courses will be at the Honors and Advanced Placement (AP) level. Dual Enrollment offered for Social Science and English Courses.
- The academy is seeking well-rounded, goal oriented, intrinsic learners looking to make an impact on the world.
- Academy Pathways:
  - Biotechnology Research & Development
  - Allied Health & Medicine





# PCHS Academy of Science, Research, & Medicine

## BIOTECHNOLOGY



- Biotech provides students with hands-on learning experiences that expose students to the fundamental scientific principles of biotechnology and the variety of careers available in biosciences
- Pathway Courses:
  - Essentials of Biotechnology- How key concepts from general sciences apply to modern applications within the biological sciences
  - Applications of Biotechnology - How biotechnology utilizes living systems to create products and enhance lives
  - Biotechnology Research- Students conduct their own Research



# PCHS Academy of Science, Research, & Medicine



## ALLIED HEALTHCARE

- Students will receive skills training, hands on learning experiences, and opportunities for job shadowing
- Pathway Courses:
  - Intro to Healthcare- Healthcare Field Foundation (CPR, vitals, etc.)
  - Essentials to Healthcare = Anatomy and Physiology
  - Allied Health=Students choose 5 content areas to study (Emergency Medicine, Surgical ,Cardiology, Pharmaceutical, Public Health & Epidemiology, etc.)
  - Students work in fully functional Allied Health hospital lab

# PCHS Academy of Science, Research, & Medicine

## STEM COLLABORATIVE COMMUNITY/POST- SECONDARY PARTNERSHIPS

- Students have worked with:
- The Nature Conservancy (TNC)
- Georgia Department of Natural Resources
- WellStar Hospital
- Kennesaw State University (KSU)
- Emory University
- University of Georgia

Magnet Students Sharing a Passion for Science with  
Dallas Elementary



# PCHS Academy of Science, Research, & Medicine

## ACADEMY BENEFITS

1. Real-world connection between education and career choices
2. Cohorts attend classes together, getting to know each other well
3. Students “loop” with a core group of teachers
4. Leadership and teamwork skills
5. Partnerships with local employers
6. Opportunities to earn college credit and professional certificates
7. Scholarship opportunities/College admissions





# PCHS Academy of Science, Research, & Medicine



## ACADEMY APPLICATION

- Application Packets are available at the Magnet website, PCHS website, or in person.
  - PCHSMagnet.com
- Your application packet must be received at PCHS between January 10th - February 18th.

# PCSD Academies LIVE Event



## **Q & A** with **Jana Stegall** PCSD Grant Writer/Administrator

# Thank you!

## Academy Website Links

- Paulding College and Career Academy:  
<https://www.paulding.k12.ga.us/PCCA>
- South Paulding High School AIM Academy:  
<https://www.paulding.k12.ga.us/AIM>
- Hiram High School Academy of Computer Science:  
<https://www.paulding.k12.ga.us/HACS>
- Paulding County High School Academy of Science Research & Medicine: <https://www.pchsmagnet.com/>