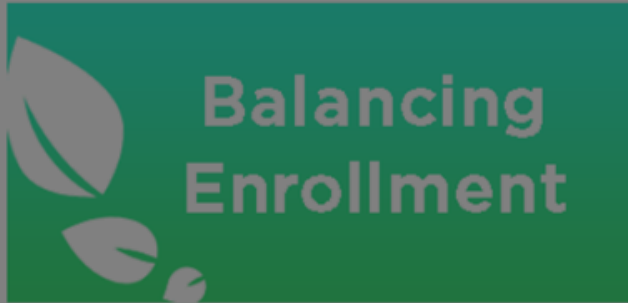


2021-2022

Magnet and
Technical Programs
Information Night



- CALENDAR
- MENUS
- MYSCHOOL BUCKS
- HOME ACCESS CENTER
- PARENT PORTAL
- OFFICE 365
- SCHOOL/BUS LOCATOR
- EMPLOYMENT OPPORTUNITIES

<http://www.hcps.org/Schools/MagnetPrograms>

Our Schools

- Before and After Care
- Boundary Exceptions
- Enrollment
- Feeder School Information
- Food and Nutrition
- Harford Glen
- Home Access Center (HAC)

Harford County Public Schools Magnet and Specialized Programs

! The Magnet and Specialized Program Application window is now closed.

- Capstone/Senior Recognition Ceremonies 2021
- HCPS Magnet Program informational video 2020 🎥
- Magnet - Technical Programs Brochure (2021-2022) 📄**
- HCPS Magnet Information Night-Open House (2021-2022) 📄

Getting
Started

Admission
Requirements

How are applications considered?

- Grades/GPA
- Standardized testing
- Teacher endorsements
- Activity List
- Essay
- Assessment (following initial screening)

The Application Process



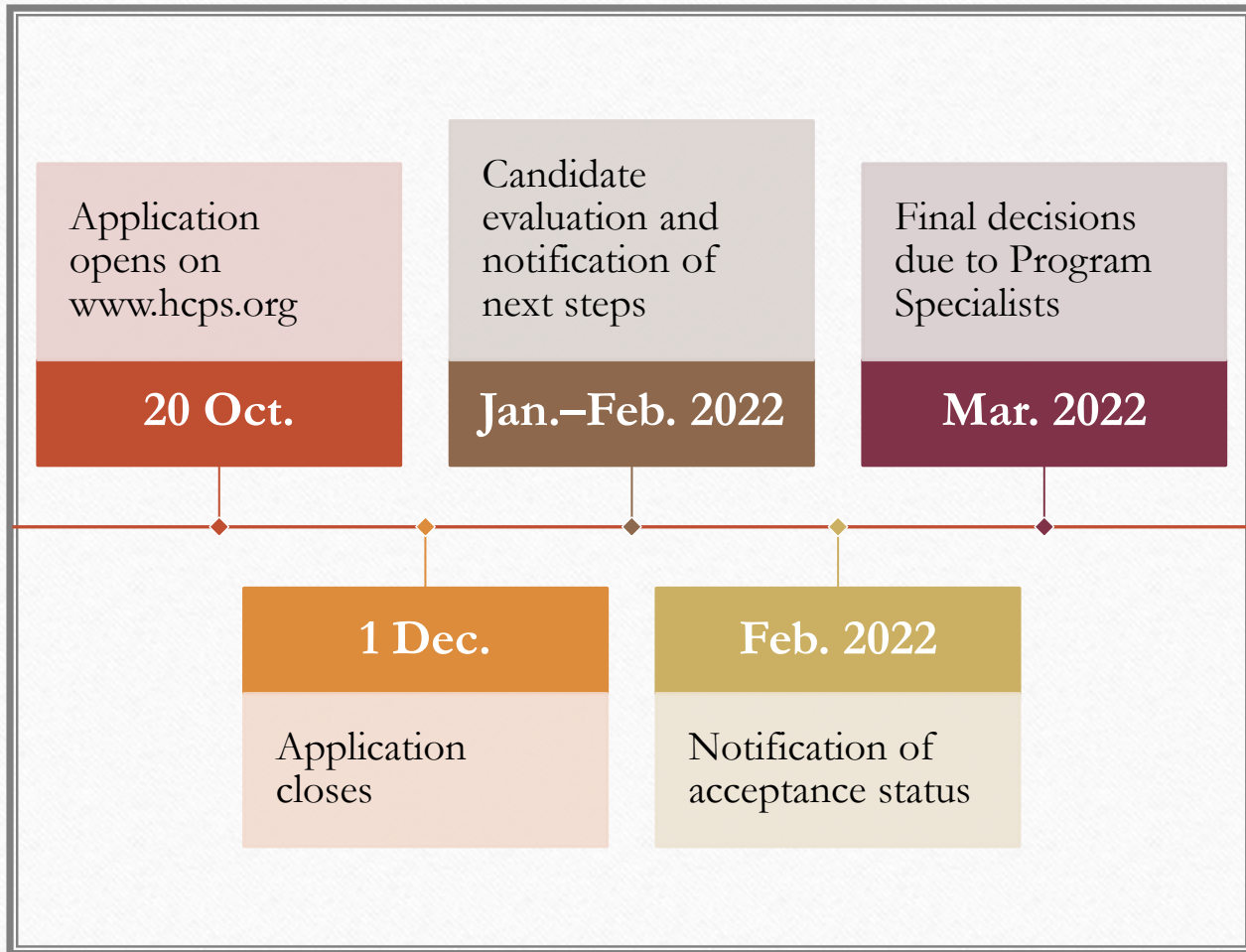
All applications will be submitted online (including non-HCPS students).



For help, use the “Guide to the On-Line Application” found in your booklet, see your counselor, or contact the appropriate Program Specialist.



You may apply to a maximum of 3 programs; cannot apply to more than one at Harford Technical HS.



Application Timeline

Next Steps

Students who meet the minimum admissions criteria for:

- **IB, SMA and NRAS** will be invited to take a Virtual Entrance assessment in January. Details with the date and time of the assessment will be sent to invited students.
- **Harford Technical, ITOA and TAM** will review report cards for Quarter 2
- **PTECH** – Intent meetings

Program- Specific Requirements



Global Studies/International Baccalaureate
– Algebra I required; Geometry recommended



**Natural Resources and Agricultural Sciences and
Information Technology Oracle Academy**
– Algebra I recommended



Science and Mathematics Academy
– Algebra I and Geometry required before entering
9th grade



Harford Technical High School

Attendance

Program-specific requirements are on the application.

Teacher Endorsements

- All HCPS students – you will select your 8th grade teachers from a drop-down menu. There is nothing more you need to do.
- All non-HCPS students
 1. Teachers' contact information will be added under the Personal Information tab.
 2. Correct teacher email addresses are required.

Communication



All admissions notifications will be sent electronically.



PLEASE be sure both parent and student email addresses are accurate, valid, and checked regularly.



Set your email filter to accept emails from webmaster@hcps.org and our Program Specialists' email addresses.



Check your SPAM folder.

Transportation



GSIB, ITOA, NRAS, PTECH, SMA and TAM will utilize the high school depot stops.



Harford Tech uses consolidated bus stops.



There is no charge for transportation.



The HCPS Transportation Office will send bus numbers and pickup locations in mid-August for students outside of their attendance areas.

Virtual Open House Events

6:30-7:30 pm

These events are listed and linked on

www.hcps.org

- October 21- Science and Mathematics Academy
- October 25 – Global Studies and International Baccalaureate
- October 26 – Natural Resources and Agricultural Sciences
- October 27- Information Technology – Oracle Academy
- October 28- Harford Technical High Schools
- November 2– Pathways in Technology Early College High School
- November 4 – Teacher Academy of Maryland

Changes for 2022-23

- Harford Technical High School admission:
 - 50% merit
 - 50% open lottery
- Teacher endorsements will be from grade 8 teachers.
- Teacher Academy of Maryland will be offered in two locations.
- Teacher Academy of Maryland- separate application.
- TAM+

Mrs. Laura Childs



Global Studies
International Baccalaureate
Edgewood High School



Mr. Robert Scott



Information Technology – Oracle Academy
ITOA – Havre de Grace High School



Mr. Greg Murrell



Natural Resources Agriculture Science
NRAS -North Harford High School



Mr. Shomari
Zachary



Pathways in Technology Early College High
School (P-Tech)
Joppatowne High School

P  TECH

Mrs. Sarah Ashley



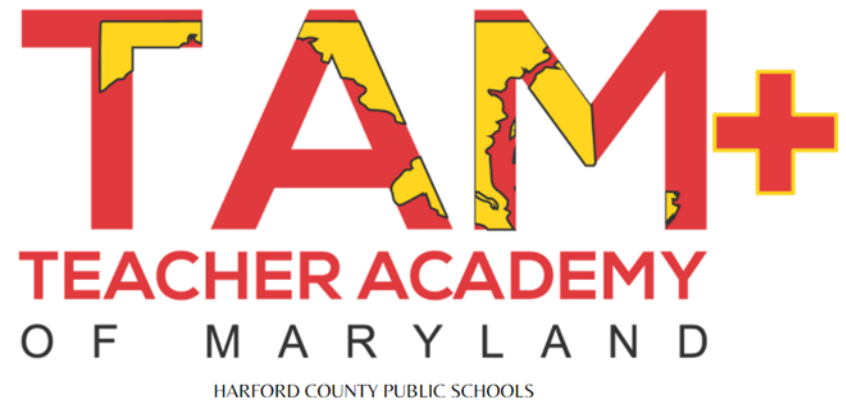
Science and Mathematics Academy
SMA -Aberdeen High School



Mrs. Alissa
Thomas



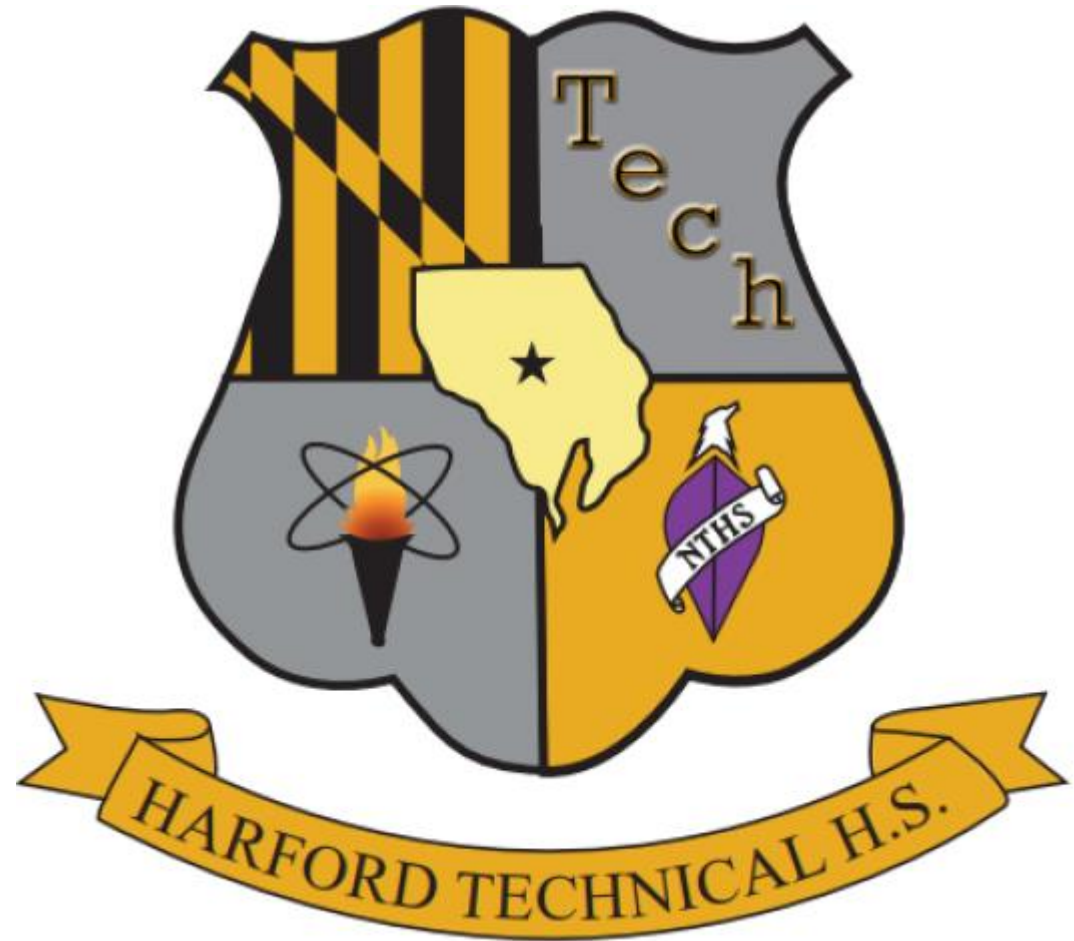
Teacher Academy of Maryland
Harford Technical & Edgewood High
School

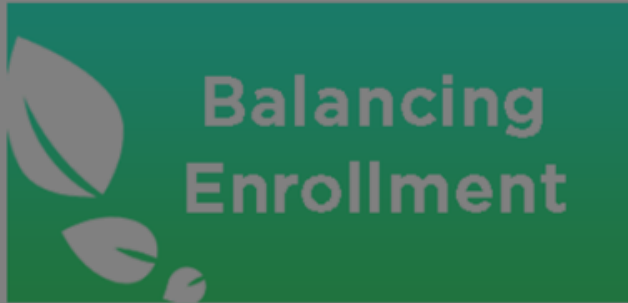


Mrs. Jeanne
Donlick



Technical Programs
Harford Technical High School





- CALENDAR
- MENUS
- MYSCHOOL BUCKS
- HOME ACCESS CENTER
- PARENT PORTAL
- OFFICE 365
- SCHOOL/BUS LOCATOR
- EMPLOYMENT OPPORTUNITIES

<http://www.hcps.org/Schools/MagnetPrograms>

Our Schools

- Before and After Care
- Boundary Exceptions
- Enrollment
- Feeder School Information
- Food and Nutrition
- Harford Glen
- Home Access Center (HAC)

Harford County Public Schools Magnet and Specialized Programs

! The Magnet and Specialized Program Application window is now closed.

- Capstone/Senior Recognition Ceremonies 2021
- HCPS Magnet Program informational video 2020
- Magnet - Technical Programs Brochure (2021-2022)**
- HCPS Magnet Information Night-Open House (2021-2022)



HARFORD COUNTY

PUBLIC SCHOOLS

**Global Studies International Baccalaureate
Edgewood High School**



For Prospective
Ninth Grade
Students



What makes our program unique?

Experience
collegiate courses
in high-school



Global perspective
and international-
mindedness



Focus on all areas
of study, STEAM,
Humanities, Arts,
and Philosophy



Active participants
in local and global
communities





IB Mission Statement

“The International Baccalaureate aims to develop *inquiring, knowledgeable* and *caring* young people who help to create a better and more peaceful world through *intercultural understanding* and *respect*.”



The IB Learner Profile

As IB learners, we strive to be

- Inquirers
- Principled
- Knowledgeable
- Caring
- Thinkers
- Open-minded
- Communicators
- Balanced
- Risk-Takers (Courageous)
- Reflective



Who should enroll in Global Studies Honor Courses?

G.S. 9th and 10th Grades IB PREP
11th and 12th Grades Diploma Program



Students who are...

- intentional with their work.
- organized in their study habits.
- self-aware and self-sufficient.
- reflective about their learning.
- willing to negotiate

and who bring reading and writing skills to the courses.

Advantages of enrolling in IB courses

- One of the richest, most challenging programs of study
- Connects disciplines with integrated learning and critical thinking
- Earn up to 30+ college credits and advanced placement status
- Extremely well prepared for college work
- Creative and service-oriented activities
- Reflect on academic and personal growth.
- Globally minded



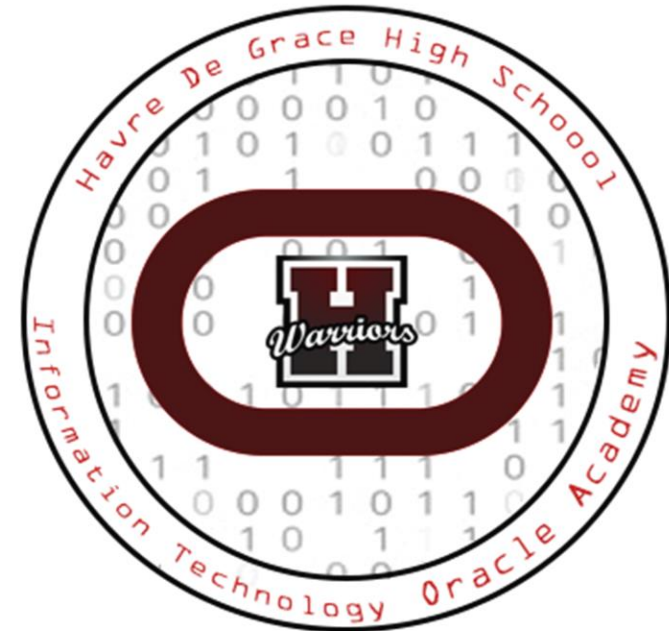


HARFORD COUNTY
PUBLIC SCHOOLS

Information Technology Oracle Academy
Havre de Grace High School

INFORMATION TECHNOLOGY ORACLE ACADEMY

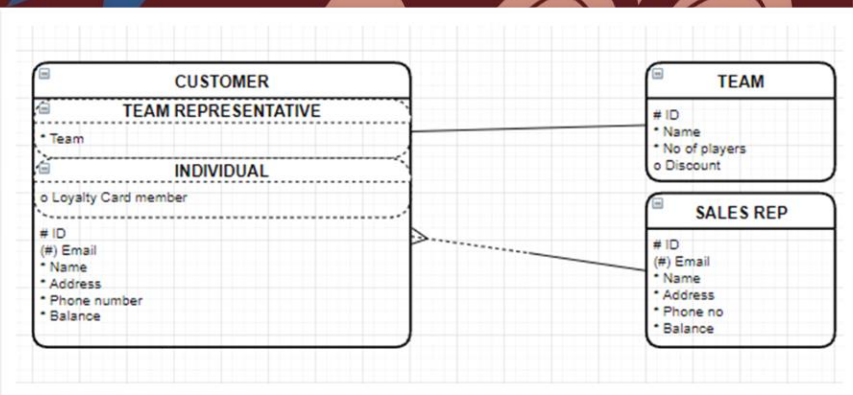
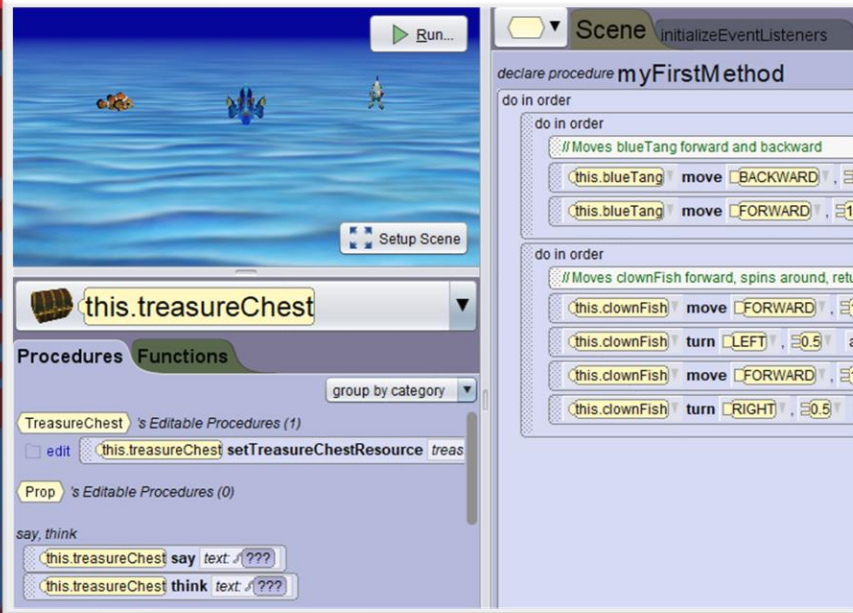
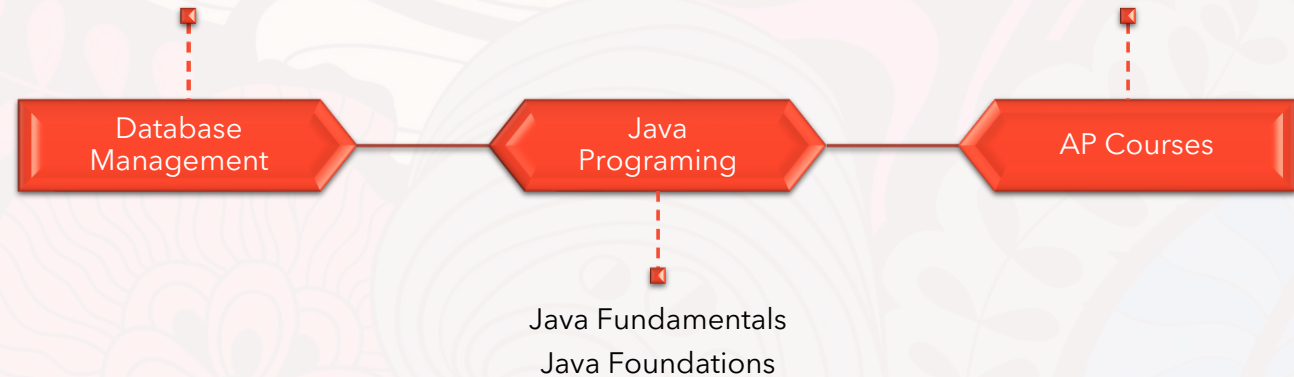
Mr. Robert Scott
Program Coordinator
robert.scott@hcps.org



Oracle Academy Curriculum Overview

Database Foundations
Database Design

Computer Science Principles
Computer Science A



Internships
or
Courses at
HCC



HARFORD
COMMUNITY COLLEGE

Information Technology Oracle Academy

Our students

- are a diverse group, representing each middle school in the county.
- will be prepared to enter a field or pursue higher education in computer science.
- have career connections when leaving high school.



WILL YOU JOIN US?

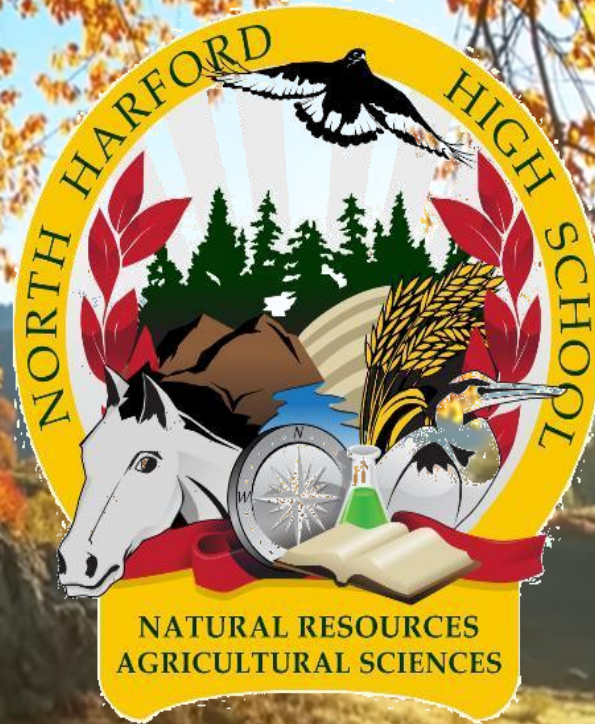




HARFORD COUNTY

PUBLIC SCHOOLS

Natural Resources and Agricultural Sciences
North Harford High School





Our Goals

To provide students with essential knowledge, experiences, and opportunities for pursuing academic, vocational, and recreational futures in the management of natural resources and agricultural sciences.

To develop future leaders, business owners, and advocates to support the growth of Maryland industries related to Natural Resources and Agricultural Sciences.

4 Dynamic Strands

Large Animal Science

- Animal Management
- Comparative Anatomy & Physiology of Farm Animals



Small Animal Science/ Vet Asst.

- Animal Management and Vet Asst.
- Comparative Anatomy & Physiology Companion Animals



Plant Sciences

- Plant Propagation and Production
- Edible, Environmental, and Ornamental Plants



Natural Resources Science

- Wildlife Management
- Wetlands and Aquatics





Our Campus





HARFORD COUNTY
PUBLIC SCHOOLS

**Pathways in Early College High School (P-Tech)
Joppatowne High School**



P TECH

PATHWAYS IN TECHNOLOGY
EARLY COLLEGE HIGH SCHOOL



**Rob Limpert, Supervisor CTE
Harford County Public Schools**

Pamela Zeigler, Principal, Joppatowne HS

Shomari Zachary, P-TECH Coordinator

**Kelly Koermer, Dean
Harford Community College**

**Deshawna Gardner, HR Specialist
Communications-Electronics Command**

[1] One Goal

To prepare our young scholars with the academic, technical, and professional skills required for 21st Century jobs and ongoing education.

[2] Two Paths

Cybersecurity

Computer- Info Systems

[3] Three Options

4-years — 5-years — 6-years

P  TECH

PATHWAYS IN TECHNOLOGY
EARLY COLLEGE HIGH SCHOOL



Program Overview

- Earn a high school diploma, an industry-recognized associate degree from HCC, gain relevant work experience in a growing field, and become certified with passing test scores.
- **Two Pathways: Computer Information Systems or Cybersecurity**
- HS and HCC classes held on JHS campus. **College classes run during the school day and throughout summer.**
- Support systems built into the program; tutoring, counseling, mentoring etc.
- **CECOM** partnership/mentorship, **and six-week paid internships for students.**
- Field trips, P-TECH Seminar, Soft skills training, speakers, Hour of Code, and various experiences
- **\$20,000 value paid for by our generous partners**

Current Students

- **60 students from HCPS**
- **Diverse student representation**
- **14 students currently taking college courses**
- **45 students currently taking Advanced Placement courses**



Our P-TECH Partners



U.S. ARMY
COMMUNICATIONS-
ELECTRONICS
COMMAND



The Student Journey in P-TECH



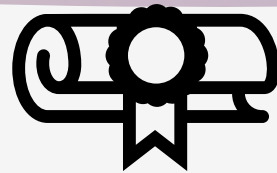
Acceptance

Random lottery
No pre-requisites
30 students per year
Limited to rising 9th graders.



High School Coursework

MSDE 4-year graduation requirements
Freshmen P-TECH Seminar



College Coursework

Completed at JOHS with HCC instructors
Tuition, fees, technology, and supplies provided for all students
Earn college degree from HCC in 4, 5, or 6 years in CIS or IAC.



Mentorship

CECOM partnership
Work experiences
Field trips
Personalized mentoring
Shadow days



Internship/Career

Guaranteed 6-week paid internship with CECOM on APG
Students are first-in-line for job interviews upon college graduation

OUTCOMES

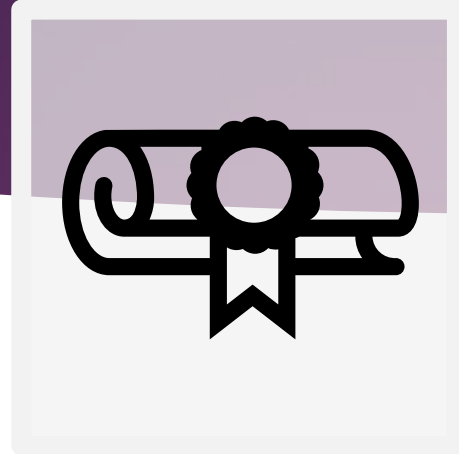


High School Coursework

Prepare students for college coursework.

Develop academic and professional skills.

Equip students with tools and resources to be successful in P-TECH.



College Coursework

Analyze commercial software applications, hardware, networks, programming, and other technologies.

Use and modify existing information systems.
Design and implement new information systems.

Apply software patches to operating systems and applications.



Mentorship

Introduction to the IT/Cyber industry and the profession of an Army civilian

Insight into IT/Cyber projects and challenges



Internship/Career

Exploring potential career paths and college/certification guidance

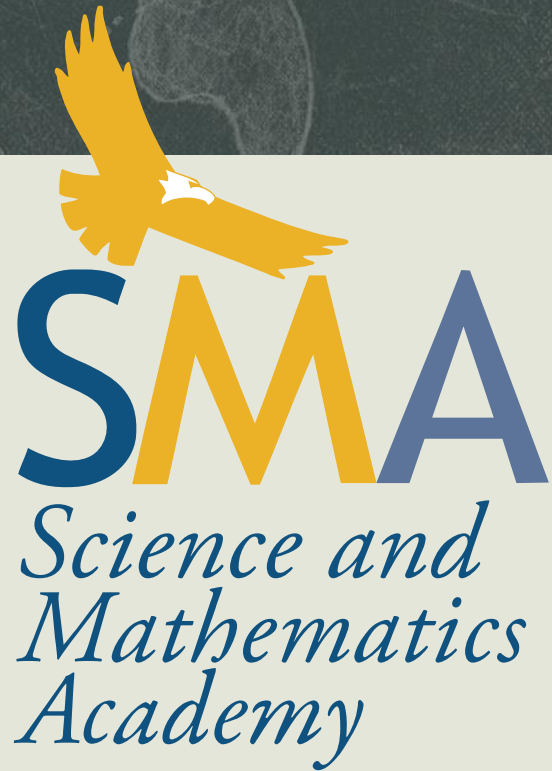
Experiences in IT project management



HARFORD COUNTY

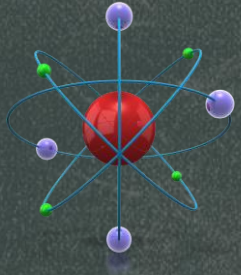
PUBLIC SCHOOLS

**Science and Math Academy
Aberdeen High School**



**Advancing Education ·
Enhancing Futures**

Mrs. Sarah Ashley, SMA Program Specialist

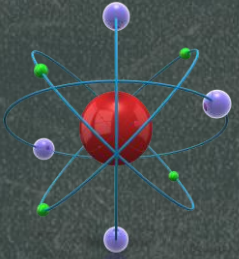


Our Goal

To prepare students to succeed in any STEM major in college:

- Engineering (all branches)
- Mathematics
- Science (Biology, Chemistry, Physics)
- Computer Science





What makes the SMA unique?

- Small learning community (students and staff)
- Semester electives
- Science, Research, and Technology (SRT) 4-year sequence of courses (real-world hands-on research)
- Additional topics covered in AP and honors classes



9th	10 th
<p>SMA Honors Algebra 2 SMA AP Environmental Science SMA Honors Biology SRT 1/Health</p> <p>Honors English 9 Honors Government Band/Chorus/Orchestra/Art Foreign Language</p>	<p>SMA Trigonometry SMA AP Statistics SMA Honors Chemistry SRT 2</p> <p>Honors English 10 World History (AP or standard) Band/Chorus/Orchestra/Art/Elec. Foreign Language</p>
11th	12th
<p>SMA AP Calculus AB SMA AP Physics: Mechanics SRT 3 SMA Semester Electives</p> <p>English 11 (AP or standard) US History (AP or standard) Band/Chorus/Orchestra/Art/Elec. Foreign Language/Elec.</p>	<p>SMA AP Mathematics SMA AP Science SRT 4 (2 credits) SMA Semester Electives</p> <p>English 12 (AP or standard) Band/Chorus/Orchestra/Art/Elec. Foreign Language/Elec.</p>

All **SMA classes (bold)** are taught by one of 8 SMA-dedicated faculty members and are in the SMA (3rd floor of AHS).

Weighted grading for ALL SMA classes.

Learn more about the SMA at www.scienceandmathacademy.com





HARFORD COUNTY
PUBLIC SCHOOLS

**Teacher Academy of Maryland (TAM) and TAM+
Edgewood High School**



Teacher Academy of Maryland

Edgewood High School, Harford Technical High School

Alissa C. Thomas, Teacher Specialist

**A State Approved Career and Technology Education Program
and Career Pathway**

TAM Student Profile

“Those who can, teach!”

- ◆ TAM is suited for students who
- ◆ Enjoy challenging academic course work.
- ◆ Are interested in developing leadership skills and qualities.
- ◆ Want to explore or desire a career in education or a related role.
- ◆ Seek practical experience (internship) in a middle- or high- school setting.
- ◆ Want to earn college credits and scholarships.



The Student Journey in the Teacher Academy of Maryland



Acceptance

Students apply and are accepted into the program. No prerequisites are required.



High School Coursework

Students acquire their high school diploma completing all MSDE coursework, including the 4 courses required for the Teacher Academy of Maryland. TAM courses are weighted in the GPA.



Internship

Students are guaranteed a classroom internship in a Harford County Public school with a master teacher. This internship is supervised by the program coordinator.

The Student Journey in the Teacher Academy of Maryland Plus

AN EARLY COLLEGE PROGRAM



Acceptance

Students apply and are accepted into the TAM program. Students may apply for TAM+ at the end of 9th grade.



High School Coursework

Students acquire their high school diploma and complete the 4 courses required for the Teacher Academy of Maryland completing all MSDE coursework in 4 years. TAM courses are weighted in the GPA.



College Coursework

Students acquire their Associates of Arts in Teaching in either 4 or 5 years from HCC, while completing their HS Diploma. Fees, tuition, supplies, and more are all paid for by HCPS. Students will have an HCPS teacher who serves as their mentor and liaison to HCC.



Internship

Students are guaranteed a classroom internship in a Harford County Public school with a master teacher. This internship is supervised by the program coordinator.



TAM
TEACHER ACADEMY
OF MARYLAND

2020-2021

EHS
1ST COHORT

TAM@EHS
TEACHER ACADEMY OF MARYLAND



HARFORD COUNTY

PUBLIC SCHOOLS

Trades and Industry

Harford Technical High School



Harford Technical High School



Mission

To engage and prepare our diverse school community for a unique comprehensive technical experience that aligns to college and career excellence.

To build a respectful and collaborative school community with a passion for authentic learning in and out of the classroom.

Vision

We encourage students to be confident life-long learners by promoting:

WHO WE ARE

POSITIVE RELATIONSHIPS

SAFE AND SUPPORTIVE ENVIRONMENT

DISCIPLINED BEHAVIORS

What makes us unique?



COBRA
HARFORD TECH HIGH SCHOOL
NATION



COBBRAS

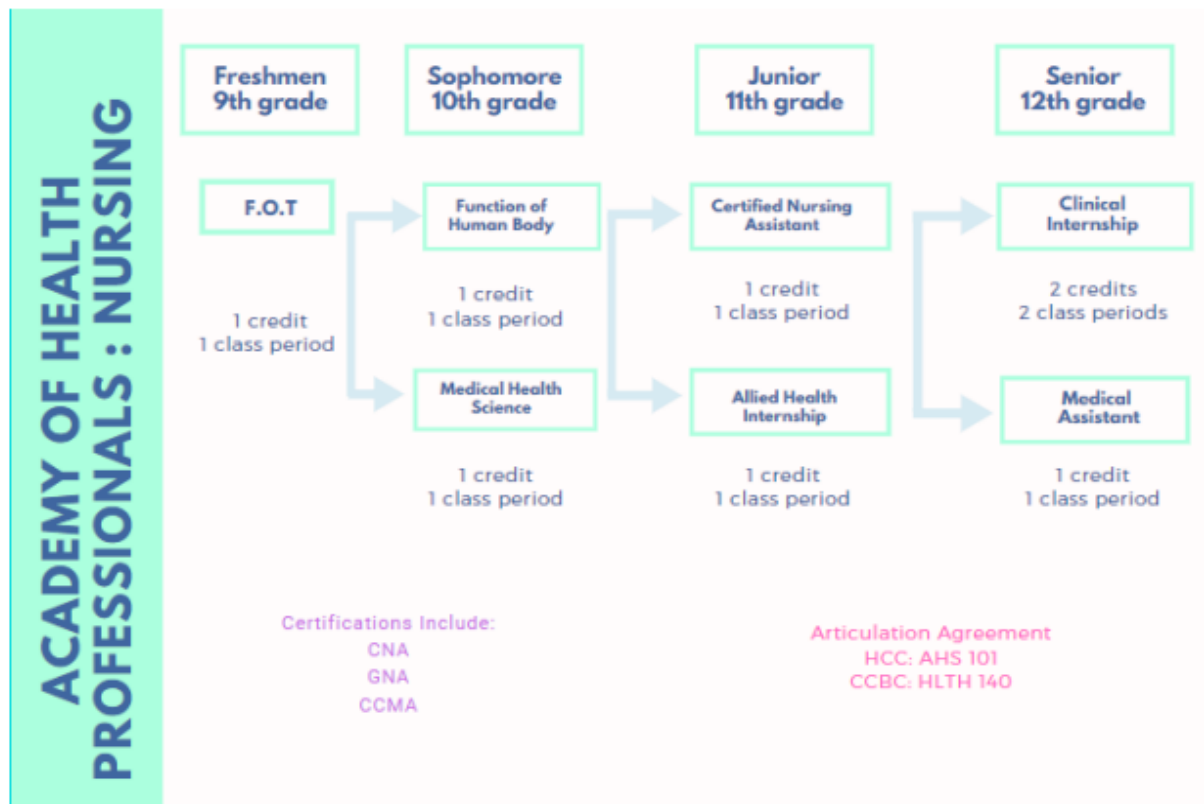


-17-

**Maryland
State
Department
of Education
Career and
Technical
Programs**



Technical Skills Assessments	Articulations/Dual Credit	High School Course Recommendations	Post-Secondary			Seat Capacity
Grade 12: CNA GNA CCMA Math: Statistics + Science: Bio, A&P ELA: Lexile 1220	HCC: (3 credits) CCBC: (3 credits) Student must maintain a 3.0 grade point average each quarter.	<ul style="list-style-type: none"> Chemistry Physics Biology Statistics A & P AP Coursework 	Associates or below Nursing Assistant Radiographer Lab Technician Dietetic Technician	Bachelors Registered Nurse Nutritionist Nurse Supervisor	Masters Nurse Practitioner Physician Nurse Director	Minimum: 10 Maximum: 24





School Community



16

Sports Teams



28

**Clubs &
Organizations**



Open House

October 28

6:30 pm

<https://hths.ss18.sharpschool.com/>





HARFORD COUNTY

PUBLIC SCHOOLS

Question & Answer Session

***To protect your child's privacy, please save questions regarding your child's specific situation for a private conversation.**



HARFORD COUNTY

PUBLIC SCHOOLS

Closing Remarks