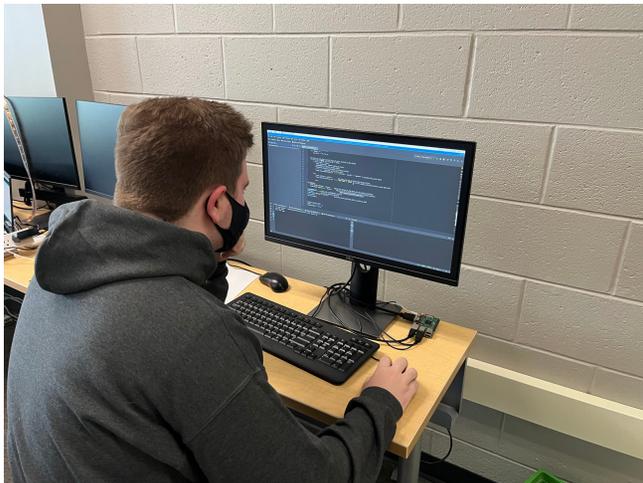


INTERNSHIPS & HCC COURSES

Students have the opportunity their Junior and Senior year to take classes at at HCC or participate in internships with computer science professionals. We have many partners that can help you, whichever path you decide to take!



- CIS 102 Introduction to Information Sciences
- CIS 104 Computer Operating Systems
- CIS 110 Introduction to UNIX/Linux
- CIS 111 Programming I: C/C++
- CIS 115 Fundamentals of Programming
- CIS 135 Introduction to Networks
- CIS 210 Fundamentals of Network Security
- ISS 111 Cisco 1
- ISS 112 Cisco 2
- ISS 105 Intro to Cybersecurity



WHY DID YOU JOIN ITOA?

“TECHNOLOGY IS A BIG PART OF OUR LIVES NOW AND WILL BE ESPECIALLY IN THE FUTURE. I THOUGHT IT WOULD BE BENEFICIAL TO LEARN ABOUT THEM!”

-ANDRA M. STUDENT CLASS OF 2024



WILL YOU JOIN US!?!

CONTACT INFO

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

410-939-6600
445 Lewis Lane
Havre de Grace, MD 21078

Learn more at
<https://www.hcps.org/Schools/MagnetPrograms/>



INFORMATION TECHNOLOGY ORACLE ACADEMY AT HAVRE DE GRACE HIGH SCHOOL



TAKE CHARGE OF YOUR FUTURE

We interact with technology in almost every aspect of our lives—from traveling, to doing homework, to staying in touch with family and friends. We're dependent on computers for communications, security, well-being, entertainment, and convenience.

Computing knowledge and skills open doors to a wide variety of careers across industries. Oracle Academy curriculum and resources help you prepare for success with hands-on computing experience and real-world tech skills.



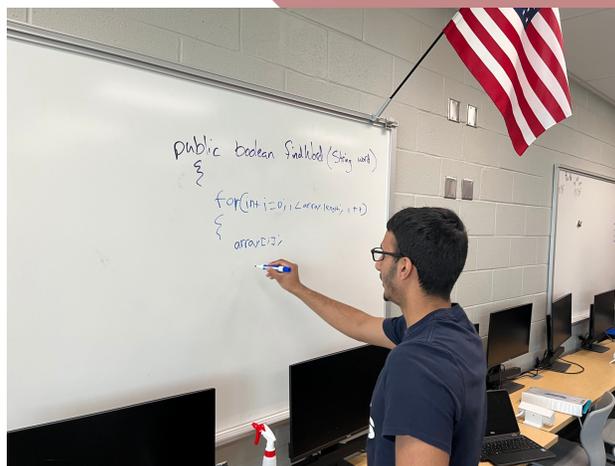
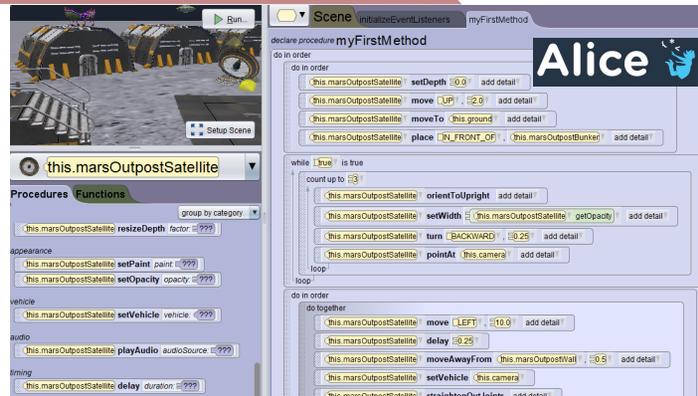
Get real-world experience with industry-leading software and applications.

Learn Java and database skills, and get hands-on practice in Oracle Application Express (APEX) and with the Oracle Academy Cloud Program.

The latest technology is created by developers, coders, and programmers. Wouldn't it be great to know how to not just use technology, but to create it? Oracle Academy can help you become a tech innovator.

LEARN TO PROGRAM IN JAVA

We will learn about how to program and write code in the Java language. We create games using many different programs such as Alice 3 and Greenfoot. We learn about object oriented programming and different ways of debugging. As students, you cover all of the basics and then go into more advanced Java programming.



EXPLORE DATABASES

Students are engaged in hands-on learning and develop both database and career-ready skills such as problem solving, collaboration, and critical thinking. The knowledge and practical skills students gain will help them advance their academic studies in computer science or enter the job market across industries and be ready to become innovators and leaders.

