



Career and Technical Education: Computer Science

Cluster: Information Technology

"As a computer scientist, I can take theory and skill and use it to problem solve real world problems, build websites, and program technology." - Student

How do I know if this pathway is right for me?

In choosing a pathway, ask yourself:
What do I enjoy doing?
What am I good at doing?
Does this pathway align with my dreams and goals?

What do I have to do to complete this course?

This four-course sequence focuses on various aspects in computing, computer science, and information science and systems. Students in this pathway complete the following courses: AP Computer Science A, AP Computer Science Principles, and App Development

Which Schools offer this pathway?

Carver Vocational-Technical High
Digital Harbor High School
Forest Park High School
Mergenthaler Vocational-Technical High School
Patterson High School
Western High School

This pathway involves the designing of computer software, developing information technology and improving computer hardware. Computer science is the study of how computers can solve a wide range of problems. This field integrates topics from mathematics, physics, engineering and design.

What's the bonus?

- College Credit
- Internship
- Apprenticeship
- Job Shadow/Workplace Tour
- Professional coaches

Possible Careers & Average Salaries in this Pathway:

Game Developer: \$48,000-\$150,000
Web Developer: \$78,950
Software Developer: \$101,000
Computer Programmer: \$90,520
Data Scientist: \$106,190

Learn more about Career and Technical Education (CTE) pathways at: www.baltimorecityschools.org/cte