

BCPS Magnet Programs High School Programs

Information Technology **

This program offers specialized pathways in:

Information Technology: Computer Science - prepares students for further study and careers in the field of Computer Science through programming, hardware design, databases and information retrieval, cyber security, software design, programming languages, logic, the limits of computations, applications in information technology and information systems, and social issues (Internet security, privacy, and intellectual property). Students will pursue Advanced Placement and college articulated course work, as well as internship opportunities. *(At Carver Center, IT-Computer Science is combined with Interactive Media Production. Students are expected to complete the requirements of both programs.)*

Information Technology: Networking - prepares students with fundamental and advanced computer, and problem-solving skills necessary for success in computer career fields. The Networking Pathway provides students with a background in hardware, software, cyber security and/or telecommunications. Computer-aided troubleshooting and instruction is integrated into the learning process. Students who successfully complete the Networking Pathway are eligible to take the Cisco Certified Network Associate (CCNA), Security+, A+, and CCT examinations for certification, depending upon location. Course offerings, internship opportunities, and articulated college credit may vary at program locations.

* *Articulated college credit may be earned from the Community College of Baltimore County.*

‡ *Students may earn a minimum of four MSDE Career & Technical Education (CTE) credits for graduation.*



*-available at Eastern Technical High School (ETHS),
G.W. Carver Center for Arts & Technology (CCAT), Sollers Point Technical High School (SPTHs),
and Western School of Technology and Environmental Science (WSTES)*

BCPS Magnet Programs High School Programs

Programs of Study *(may vary by location)*

Pathways	Grade 9	Grade 10	Grade 11	Grade 12	Electives
Computer Science	Foundation of Computer Science	AP Computer Science Principles	Computer Science AP A	Internship or CS College Course OR C++ OR Linux Essentials	
Networking	IT Essentials	Cyber Security Essentials OR Linux Essentials	Networking Completer I	Networking Completer II	Networking College Course OR Internship

Eastern Technical High School

1100 Mace Avenue
Baltimore, Maryland 21221
443-809-0190

***Networking pathway available**

Applications are accepted for Grade 9.

Transportation is provided for students who are zoned to attend Perry Hall, Parkville, Overlea, Kenwood, or Chesapeake High School.

G.W. Carver Center for Arts & Technology

938 York Road
Baltimore, Maryland 21204
443-809-2793

***Computer Science pathway available and is combined with Interactive Media Production. Students are expected to complete requirements of both programs.**

Applications are accepted for Grade 9

Transportation is provided for students from all areas of the Baltimore County Public Schools.

Sollers Point Technical High School

1901 Delvale Avenue
Baltimore, Maryland 21222
443-809-7075

All programs at Sollers Point are half-day.

***Computer Science & Networking pathways available**

Applications are accepted for Grade 9 and Grade 10.

Transportation is provided for students who will also attend: Chesapeake, Dundalk, Kenwood, Overlea, Patapsco, or Sparrows Point High School.

Western School of Technology and Environmental Science

100 Kenwood Avenue
Baltimore, Maryland 21228
443-809-0840

***Computer Science & Networking pathways available**

Applications are accepted for Grade 9

Transportation is provided for students who are zoned for the Northwest or Southwest areas.