

BCPS Magnet Programs High School Programs

Mechanical Construction / Plumbing Careers*‡

This program prepares students to install and maintain water supply systems, waste removal systems, and various fixtures that provide for personal comfort in the home or commercial business setting. Students learn and freely use the tools of the trade along with blueprint reading, residential plumbing, joining cast-iron pipe, making flare and compression joints, commercial plumbing drain and waste piping, venting, and faucet/fixture repair installation. Students earn national craft certification through the National Center for Construction Education and Research (NCCER). Students may be eligible for first-year apprenticeship in the Associated Builders and Contractors (ABC) apprenticeship training program and may also be eligible for advanced placement and/or testing opportunities through other union or non-union apprenticeship programs. Upon graduation students can enter employment, complete journeyman apprenticeship, and/or earn a degree at a two-year or four-year college.

* 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 Western School of Technology and Environmental Science (WSTES)

Programs of Study

Grade 9	Grade 10	Grade 11	Grade 12	Electives
Introduction to Plumbing Careers	Plumbing I OR Plumbing II	Plumbing III OR Plumbing IV	Capstone Work Experience Plumbing CWE	Capstone Work Experience

Western School of Technology and Environmental Science

100 Kenwood Avenue
Baltimore MD 21228
443-809-0840

Applications are accepted for Grade 9

Transportation is provided for students who are zoned for the Southwest or Northwest areas, as well as those who would otherwise attend Dulaney or Towson High School.