

Monroe CTI Grades 9-12	Plumbing Technology CIP Code: 46.0503	Present Education Levels	Action/Need
<b>Classroom Tests</b>	Weekly, up to 10 per marking period		
<b>End-of-Year Assessment Test</b>	NOCTI		
<b>Industry Certification Tests and Costs <sup>1</sup></b>	EPA 608 Certification Career Safe OSHA Pennsylvania Builders Association Skills Certification		
<b>Number of Books</b>	Plumbing Code Book Textbook		
<b>Lecture Time</b>	30-45 minutes a day		
<b>Co-operative Education</b>	Students who meet all requirements including teacher recommendation, grades, attendance, and discipline record		
<b>Homework</b>	Study for test Research papers Daily assignments		
<b>Task List</b>	PDE Statewide Program of Study aligned with certifications		
<b>Prerequisites</b>	Algebra 1		
<b>Reading Levels</b>	9 <sup>th</sup> grade		
<b>Math Levels</b>	Algebra		
<b>Program Requirements and Related Costs</b>	Dark blue shirt--\$18 Dark blue work pants--\$20 Leather top boots--\$25 to \$150		
<b>Dual Enrollment</b>			
<b>Articulation Agreements</b>	Statewide Articulation Agreements		
<b>Essential APTITUDES for this lab – Recommended levels</b>	Problem-solving ability Able to work in a team		
<b>Work Environment</b>	Dusty, some chemicals used, climb ladders, work in tight spaces, work in heat and cold, and some heavy lifting		

<sup>1</sup> Costs are shared 50/50 between MCTI and student for PDE approved certifications. The responsibility of the student's cost per test varies per program. Specific information will be available upon acceptance into a program.