

Monroe CTI Grades 9-12	Heating, Ventilation, Air Conditioning Technology CIP Code: 47.0201	Present Education Levels	Action/Need
Classroom Tests	Weekly, up to 10 tests per marking period		
End-of-Year Assessment Test	NOCTI		
Industry Certification Tests and Costs ¹	EPA 608 Certification Career Safe OSHA Pennsylvania Builders Association Skills Certification		
Number of Books	1 core 1 NCCER		
Lecture Time	30-45 minutes a day		
Co-operative Education	Students who meet all requirements including teacher recommendation, grades, attendance, and discipline record		
Homework	Study for tests Research paper Daily reading assignment		
Task List	PDE Statewide Program of Study aligned with certifications		
Prerequisites			
Reading Levels	9 th grade		
Math Levels	Algebra 1		
Program Requirements and Related Costs	Dark blue shirt--\$18 Dark blue work pants--\$20 Leather top boots--\$25 to \$150		
Dual Enrollment	PennCollege NOW- Introduction to Refrigeration (5 credits for qualified students)		
Articulation Agreement	Statewide Articulation Agreements Johnson College University of Northwestern Ohio Pittsburgh Technical College		
Essential APTITUDES for this lab – Recommended levels	Ability to use variety of tools		
Work Environment	Dust, cold, heat, climbing ladders, work in tight spaces, and work outdoors		

¹ 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.