

Monroe CTI Grades 9-12	Diesel Technology CIP Code: 47.0613	Present Education Levels	Action/Need
Classroom Tests	Weekly		
End-of-Year 12 <sup>th</sup> Grade Assessment Test	NOCTI		
Industry Certification Tests and Costs <sup>1</sup>	Certified Safety Inspector, Cat I S/P2 Section 609 Certification for Refrigerant Recycling and Recovery Get Ahead		
Number of Books	2 Text books 1 Task book		
Lecture Time	4- 30 min. lectures a week		
Co-operative Education	Students who meet all requirements including teacher recommendation, grades, attendance, and discipline record		
Homework	Weekly homework		
Task List	PDE Statewide Program of Study aligned with certifications		
Prerequisites			
Reading Levels	9 <sup>th</sup> grade		
Math Levels	Algebra 1		
Program Requirements and Related Costs	Steel toe work boots \$60 Uniforms (2 sets) \$40 per set		
Dual Enrollment	Penn College NOW (up to 4 credits for qualified students)		
Articulation Agreements	Statewide Articulation Agreements Universal Technical Institute University of Northwestern Ohio		
Essential APTITUDES for this lab – Recommended levels	Ability to stand for long periods of time Mechanical ability Some heavy lifting Ability to use hand tools Analytical skills Ability to process information quickly Read and comprehend technical manuals		
Work Environment	Outdoors, dusty, some chemicals, fumes, and cramped conditions		

\* Recommended

<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.