

Monroe CTI Grades 9-12	Carpentry CIP Code: 46.0201	Present Education Levels	Action/Need
Classroom Tests	Weekly quizzes		
End-of-Year 12th Grade Assessment Test	NOCTI		
Industry Certification Test and Costs ¹	Career Safe OSHA Pennsylvania Builders Association Skills Certificate Articulated Ladder Mobile Ladder Single and Extension Ladder Step Ladder		
Number of Books	3 books		
Lecture Time	20-30 minutes daily		
Co-operative Education	Students who meet all requirements including teacher recommendation, grades, attendance, and discipline record		
Homework	1-3 times a week		
Task List	PDE Statewide Program of Study aligned with certifications and Pennsylvania Home Builders Association		
Prerequisites	Algebra I		
Reading Levels	Text written on 11 th grade level		
Math Levels	Basic math including fractions and decimals Algebra 1 and Geometry (by 12 th grade)		
Program Requirements and Related Costs	Leather work boots--\$35 to \$150 2 Tan work pants--\$20 each 2 Green shop shirts--\$8-\$13 each 1 Sweatshirt--\$15-\$23 Nail Apron - \$30 * Tool Kit—approx. \$50		
Dual Enrollment	PennCollege NOW- Hand & Power Tools (1 credit for qualified students)		
Articulation Agreements	Statewide Articulation Agreements Johnson College Triangle Tech		
Essential APTITUDES for this lab – Recommended levels	Climbing, lifting, using power tools, measurement skills, eye-hand coordination, good motor skills, and teamwork Ability to work in all weather		
Work Environment	Outdoor and indoor work Heights Dirty and dusty environment		

* Recommended

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.