

<b>Monroe CTI Grades 9-12</b>	<b>Electrical Technology CIP Code: 46.0399</b>	<b>Present Education Levels</b>	<b>Action/Need</b>
<b>Classroom Tests</b>	1 test per week 1 vocabulary test per week		
<b>End-of-Year Assessment Test</b>	NOCTI		
<b>Industry Certification Tests and Costs <sup>1</sup></b>	OSHA Pennsylvania Builders Association Skills Certificate Articulated Ladder Mobile Ladder Single and Extension Ladder Step Ladder		
<b>Number of Books</b>	Classroom and National Electric Code Book		
<b>Lecture Time</b>	20 minutes a day		
<b>Co-operative Education</b>	Students who meet all requirements including teacher recommendation, grades, attendance, and discipline record		
<b>Homework</b>	1-3 times per week		
<b>Task List</b>	PDE Statewide Program of Study aligned with certifications		
<b>Prerequisites</b>	Ability to work independently		
<b>Reading Levels</b>	11 <sup>th</sup> Grade		
<b>Math Levels</b>	Algebra I and II		
<b>Program Requirements and Related Costs</b>	Leather hard soled work boots--\$25 to \$50 Shop T-shirt--\$8 * Various tools (approx. \$100)		
<b>Articulation Agreements</b>	Statewide Articulation Agreements Triangle Tech Pittsburgh Technical College		
<b>Essential APTITUDES for this lab – Recommended levels</b>	Moderate lifting and climbing Must be able to understand schematics Ability to work in inclement weather and heights		
<b>Work Environment</b>	<b>Danger of electrical shock</b>		

\* 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.