



***Facility Maintenance
Technologies
Program Guide***
CIP Code # 46.0401

Standard Occupational Classifications	2014 Pennsylvania High Priority Occupations
47-2111.00 Electricians 47-2152.00 Plumbers, Pipefitters & Steamfitters 49-9021.00 Heating, A/C & Refrigeration Mechanics & Installers 49-9041.00 Industrial Machinery Mechanics 49-9042.00 Maintenance & Repair Workers, General 49-9043.00 Maintenance Workers, Machinery	47-2111 Electricians ³ 47-2152 Plumbers, Pipefitters & Steamfitters ³ 49-9021 Heating, A/C & Refrigeration Mechanics & Installers ³ 49-9041 Industrial Machinery Mechanics ³ 49-9071 Maintenance and Repair Workers, General ³
Industry Accreditation	Student Certifications
	ECTS Program Completer or Participant Pennsylvania Skills Certificate CareerSafe OSHA 10 Hour General Industry International Code Council Certificate of Achievement

Key: ¹Statewide HPO ²Regional HPO ³Both Statewide and Regional HPO

For more information, go to: <http://online.onetcenter.org/find/family?f=17&g=Go>

**Facility Maintenance Technology
Prerequisites**

People who are employed in the Facility Maintenance Technology field will be working in the most rapidly changing of all the technical fields. The Facility Maintenance Technology program is designed to prepare the student for entry-level employment. Because this is a performance-based occupation, personal characteristics of the student must be carefully considered. Students entering this program should possess the following traits:

- Has excellent attendance (95% or above is Industry Standard)
- Is physically fit (able to remain on feet for long periods of time)
- Should have passed Algebra I with a “C” or above and be enrolled in Geometry I
- Should have 9th grade reading skills
- Is able to follow written and verbal instructions

- Must communicate well in writing and verbally
- Must be safety conscious and aware of their surroundings
- Must have good eye/hand coordination
- Must be able to work as part of a team
- Must be a self-starter who is able to stay on task
- Will need for the lab:
 - Leather work boots or shoes (no leather sneakers).
 - A 12 foot tape measure
- Will need for the classroom:
 - 2 – 3 inch three ring binders
 - 300 sheets of paper for the three ring binders (150 each)
 - 100 plastic page protectors
 - 1 – 12 inch ruler
 - 12 - #2 pencils or a mechanical pencil with extra lead
 - 1 – Large eraser
 - 1 – Highlighter

FACILITY MAINTENANCE TECHNOLOGIES

SENIOR TOOL LIST

16 OZ. HAMMER

¾" WOOD CHISEL

9" SLIP JOINT PLIERS

8" LINESMAN PLIERS

8" DIAGONAL CUTTERS

8" NEEDLE NOSE PLIERS

WIRE STRIPPERS

CABLE RIPPER

4" STRAIGHT BLADE SCREWDRIVER

4" #2 PHILIPS HEAD SCREWDRIVER

8" STRAIGHT BLADE SCREWDRIVER

4" CABINET TIP SCREWDRIVER

FUSE PULLER

6" ADJUSTABLE WRENCH

TOOL POUCH and BELT

NOTE: Make sure the pouch has a Hammer Loop

- Under NO circumstances will a student be required to provide a knife of any type for use in the FMT class.