



# Facility Maintenance Technician



## Program Description:

Students are trained to be responsible for operating and maintaining the entire infrastructure of commercial facilities, hospitals and manufacturing plants.

## Audience:

Individuals interested in a career in maintenance with an emphasis on commercial wiring, HVAC, pressure boilers and pipefitting.

## Topics Covered:

- Read blueprints and schematics
- Apply AC and DC electricity concepts
- Utilize piping systems and operate HVAC and boiler systems
- Apply National Electric Code & operate and maintain programmable logic control systems

## Program Prerequisite(s):

- High school diploma or GED
- COMPASS assessment for college-level mathematics and reading may be required

## Course Requirements:

Course Name:	Course	Credit Hrs
Mechanical/Electrical Print Reading	ISET 1300	2
Applied Electricity I	ISET 1410	3
Applied Electricity II	ISET 1420	3
Applied National Electric Code	ISET 2240	3
Industrial Motor Controls	ISET 2200	3
PLC Maintenance I	ISET 2500	3
PLC Maintenance II	ISET 2510	2
Commercial Wiring	ISET 2210	3
Industrial Piping and Tubing	ISET 1340	2
Fundamentals Boiler Technology	ISET 1460	3
Applied Boiler Technology	ISET 2460	2
Heating Ventilation Air Conditioning I	ISET 1450	2
Heating Ventilation Air Conditioning II	ISET 2450	2
	<b>TOTAL</b>	<b>33</b>

## Upon Completion:

- Earn a Competency Award from the Workforce & Economic Development Division (WEDD)
- Be prepared to compete for positions in facility maintenance, facility and equipment repair or HVAC operation

## Financial Aid:

Financial assistance, in the form of grants, scholarships, and other funding resources may be available. Contact the Student Financial Aid & Scholarships Office for more information.

**Information:** 216-987-3204