

# FACILITIES MAINTENANCE TECHNICIAN

Repair appliances and help maintain buildings with basic electrical, plumbing, and carpentry skills. Students are prepared for OSHA certifications.

**property inspections and repairs | carpentry | plumbing | electrical  
HVAC maintenance | appliance maintenance | flooring, painting, and lighting**

## Suggested Abilities

- 8th grade English reading, writing, speaking, and listening
- Understand basic algebra
- Lift 30 pounds
- Sustained activity for 5 hours at a time

## Prerequisites

- *High School Students: Meet with counselor for eligibility requirements*

## Class Hours

- Morning: 7:50 am - 10:40 am, Mon. - Fri.
- Afternoon: 12:05 pm - 2:55 pm, Mon. - Fri.

## SEMESTER 1

### **FMT 1201 Maintenance-Electricity**

**4 credits**

Electrical fundamentals as applied to residential and commercial facilities maintenance. Covers repair, service, and maintenance of electrical systems and codes.

### **OSH 1300 10HR OSHA Voluntary Compliance**

**1 credit**

10-hour OSHA General Industry course covering current 29 CFR 1910 standards. Taught by OSHA-certified instructors; completers receive a certificate from the U.S. Department of Labor, OSHA.

### **CON 1012 Basic Repairs for Home or Apartment**

**4 credits**

Focuses on the repair and maintenance of buildings. Covers preventative maintenance methods and skills.

### **PLU 1001 Piping Skills**

**4 credits**

Installation of common piping in plumbing, pipe math, terminology, materials, offsets, joints, support/hanging, center-to-center measurements, and various pipe-joining methods.

## SEMESTER 2

### **FMT 1102 Swimming Pool Maintenance**

**2 credits**

Focuses on the fundamentals of pool operation and maintenance techniques for private and public swimming pools.

### **FMT 2701 Appliance Technology I**

**7 credits**

Examines mechanical systems, water distribution, and electrical and gas systems of laundry equipment. This course includes service and repair on washers and dryers.

### **FMT 2702 Appliance Technology II**

**7 credits**

Examines mechanical systems, water distribution, and electrical and gas components of kitchen equipment. This course covers service and repair on dishwashers, disposals, ranges, and microwave ovens.

### **FMT 2085 Independent Study**

**2 credits**

Meets the individual needs of students. Students engage in intensive study or research under the direction of a qualified instructor.

## **Facilities Maintenance Technician Certificate**

1 year

31 Credit Hours



**Information Revised DEC '25.** Information subject to change. Course listings have been paraphrased on this flyer, for full course info please see Pickens Catalog. This certificate is eligible for Financial Aid. If you have further questions, please call (303)344-4910.