SOUTHWESTERN COMMUNITY COLLEGE DISTRICT

CLASS TITLE: PLUMBER

BASIC FUNCTION:

Under the direction of the Maintenance Supervisor, perform skilled work in installing, maintaining and repairing plumbing fixtures; assist in performing other skilled maintenance duties as assigned.

REPRESENTATIVE DUTIES:

Install general plumbing systems and repair existing systems; install, maintain and repair various types of heating units and systems. E

Rebuild and redesign toilet valves, faucets and plumbing valves; clear stoppages, repair leaks and clean up surrounded area as needed. E

Determine problems with water systems; repair valves, plugs, faucets and toilets, and order replacement parts as necessary. E

Repair gas leaks on boilers, water heaters and special appliances. E

Install new plumbing fixtures, sinks, basins, toilets, drinking fountains, water heaters, dishwashers and other items. E

Install water piping, tap water and sewer mains and laterals. E

Cut and thread pipe; pack faucets and repair water supply, waste, sewage and drainage pipes; wipe and wash joints and clean drains and obstructions. E

Work from blueprints and sketches in the repair of plumbing system; draw blueprints to scale. E

Plan, organize and lay out assigned tasks; maintain simple records. E

Operate a variety of maintenance-related hand tools and power equipment including pipe threading and soldering equipment and various drain cleaning equipment; operate assigned vehicles including a forklift and front-end loader. E

Assist in performing other skilled maintenance duties as assigned.

Perform preventive maintenance on fire sprinkler systems and boilers.

Perform special plumbing projects as assigned.

Perform related duties as assigned.

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KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Methods, material, shop math, tools and equipment used in the plumbing trade.

Applicable Uniform Plumbing codes and regulations.

Record-keeping techniques.

Health and safety regulations.

Technical aspects of field of specialty.

ABILITY TO:

Install, maintain and repair plumbing fixtures skillfully.

Use a variety of tools and power equipment utilized in the basic trade.

Perform skilled maintenance work as assigned.

Work from blueprints, shop drawings and sketches.

Operate a truck, observing legal and defensive driving practices.

Understand and follow oral and written directions.

Work independently with little direction.

Establish and maintain effective working relationships with others.

Meet schedules and time lines.

Plan and organize work.

Maintain records and prepare reports.

EDUCATION AND EXPERIENCE:

Any combination equivalent to: four years of training or experience which demonstrates journey-level skill in the assigned trade.

LICENSES AND OTHER REQUIREMENTS:

Valid California driver's license and a safe driving record.

WORKING CONDITIONS:

ENVIRONMENT:

Indoor and outdoor work environment.

Driving a vehicle to conduct work.

Seasonal heat and cold or adverse weather conditions.

Regular exposure to fumes, dust and odors.

PHYSICAL ABILITIES:

Dexterity of hands and fingers to operate specialized hand and power tools and equipment.

Heavy physical labor.

Bending at the waist.

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Kneeling or crouching.
Standing for extended periods of time.
Carrying, pushing or pulling.
Turning/twisting.
Climbing ladders and working from heights.
Lifting heavy objects.

HAZARDS:

Driving a vehicle during adverse weather conditions.
Working in a cramped or restrictive work chamber.
Working around and with machinery having moving parts.