

SOUTHWESTERN COMMUNITY COLLEGE DISTRICT

CLASS TITLE: IRRIGATION TECHNICIAN

BASIC FUNCTION:

Under the direction of the Grounds Maintenance Supervisor, provide a variety of skilled work in the installation, repair and maintenance of District irrigation systems; assist other skilled grounds personnel as necessary in grounds maintenance work.

REPRESENTATIVE DUTIES:

Install, maintain, repair and replace sprinklers including sprinkler heads, clocks and sprinkler valves. *E*

Develop and implement a schedule of preventive maintenance for sprinkler heads and sprinkler systems. *E*

Operate grounds equipment as necessary to dig trenches and install sprinkler lines. *E*

Plan and layout entire sprinkler systems for designated lawn areas as directed; review plans with superiors; install sprinkler lines as directed assuring adequate sprinkler coverage for lawn areas. *E*

Install automatic clocks; set and operate the clocks as necessary to provide proper coverage during all seasons; remain current on new sprinkler technologies to assure efficient and economical irrigation systems. *E*

Make adjustments to sprinklers as necessary including locating and repairing faulty valves and wires, repairing water mains, replacing controllers and other equipment as necessary. *E*

Maintain adequate supply of equipment and supplies utilized in sprinkler repair including sprinkler heads, valves, clocks and other items. *E*

Respond to concerns by grounds maintenance personnel regarding lawn areas receiving insufficient water; advise grounds maintenance personnel regarding sprinkler systems for their assigned areas. *E*

Assist other grounds maintenance personnel in the performance of skilled maintenance duties as assigned.

Perform grounds related duties as assigned.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Methods involved in the installation, repair and maintenance of sprinkler systems.
Design and layout of general irrigation systems including the knowledge of types of lawns and the frequency and amount of watering required.
Equipment and tools required in sprinkler repair and installation.
Health and safety regulations.
Reading and writing communication skills.
Technical aspects of field of specialty.

ABILITY TO:

Read blueprints and layouts.
Operate equipment used in sprinkler repair.
Understand and follow oral and written directions.
Work cooperatively with others.
Work independently with little direction.
Establish and maintain effective working relationships with others.
Analyze situations accurately and adopt an effective course of action.
Maintain records and prepare reports.

EDUCATION AND EXPERIENCE:

Any combination equivalent to: graduation from high school and three years experience in grounds maintenance work including at least one year in sprinkler repair.

LICENSES AND OTHER REQUIREMENTS:

Valid California driver's license.

WORKING CONDITIONS:

ENVIRONMENT:

Outdoor work environment.
Driving a vehicle to conduct work.

PHYSICAL ABILITIES:

Dexterity of hands and fingers to operate a variety of hand and power tools.
Walking over rough or uneven surfaces.
Bending at the waist.
Kneeling or crouching.
Digging.
Heavy physical labor.
Lifting and carrying heavy objects.