

NORTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT JOB DESCRIPTION

Job Title:	Irrigation Specialist	Range:	37
Date Revised:		Date Approved:	April 8, 2003

PRIMARY PURPOSE

This position is responsible for performing skilled work in the installation, repair, building, modifying, planning and designing of irrigation systems to assure proper irrigation to District grounds and athletic fields.

ESSENTIAL FUNCTIONS

Examples of essential functions are interpreted as being descriptive and not restrictive in nature.

1.	Installs, repairs, builds and modifies irrigation systems on athletic field; plans and designs new irrigation systems.
2.	Maintains, repairs or replaces irrigation equipment as needed including pumps, electronic and electro-mechanical controllers, valves, sprinkler lines, sprinkler heads, backflow devices and related equipment; repairs or replaces wiring.
3.	Cleans blockages from valves, sprinkler heads and irrigation lines.
4.	Resolves problems concerning irrigation systems; troubleshoots and performs preventive maintenance to assure proper operation of irrigation systems; demonstrates the proper use of systems to appropriate personnel.
5.	Communicates with various contractors, vendors, grounds personnel and other District personnel to discuss and resolve irrigation systems problems and to coordinate work activities.
6.	Maintains inventory of parts, tools and equipment for repair and installation work; estimates time and materials needed; orders and purchases parts and equipment.
7.	Trains and provides work direction and guidance to others as directed.
8.	Prepares and maintains records related to labor and materials.
9.	Learns and applies emerging technologies and advances as necessary to perform duties in an efficient, organized, and timely manner.
10.	Performs related duties as assigned.

OTHER FUNCTIONS

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WORKING RELATIONSHIPS

The Irrigation Specialist maintains frequent contact with District grounds and maintenance personnel, and outside vendors and contractors.

EDUCATION AND EXPERIENCE

High school diploma or equivalent

Any combination of training and experience equivalent to three (3) years of increasingly responsible experience in the installation and repair of irrigation systems.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of principles, methods, techniques and specialized equipment used in the installation and repair of irrigation systems

Knowledge of pumps, flow valves, pressure switches, time clock controller and related equipment

Knowledge of water requirements for lawns, trees, plants and various types of soil

Knowledge of how to operate and maintain remote control valves and electronic control systems

Knowledge of basic electrical theory

Knowledge of rules of backflow prevention

Knowledge of health and safety regulations

Ability to diagnose malfunctions and correct deficiencies in irrigation systems and peripheral equipment

Ability to work from blueprints, shop drawings and sketches

Ability to plan, organize and prioritize work

Ability to meet schedules and time lines

Ability to understand and follow oral and written directions

Ability to establish and maintain effective working relationships with others

SPECIAL REQUIREMENTS

A valid California Driver's License

A valid electric cart certification

Backflow Prevention Certification

WORKING CONDITIONS

Outdoor environment; traveling from site-to-site; subject to adverse weather conditions; subject to lifting (up to 50 pounds unassisted), standing, bending, climbing, digging, pulling, pushing, and exposure to chemical fumes.
