

NORTH ORANGE COUNTY COMMUNITY COLLEGE DISTRICT JOB DESCRIPTION

Job Title:	Irrigation Specialist	Range:	37
Date Revised:	October 2, 2008	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.	Participate in District/College efforts to increase the diversity of faculty and staff and to address student achievement gaps; active assistance in the creation of a welcoming and inclusive work and educational environment; attend and participate in diversity, equity and inclusion trainings and events.
11.	Performs related duties as assigned.

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OTHER FUNCTIONS

WORKING RELATIONSHIPS

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

EDUCATION AND EXPERIENCE

Minimum Qualifications

High school diploma or GED

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

Commitment to diversity. All applicants must have demonstrated sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender, gender identity, sexual orientation, and ethnic backgrounds of community college students, faculty and staff. The applicant must be able to demonstrate how their experience with these factors relates to successfully achieving the goals of the position.

Desirable Qualifications

Prior experience in approaching work and interactions with colleagues and/or students in an equity minded manner. Ability to provide an inclusive and welcoming work/educational environment.

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 (must be obtained within six months from date of hire as a condition of continued employment)

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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.
