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
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.