

The University of Texas at San Antonio

Job Description

Job Title: Irrigation Technician
Code: 15427
Salary Grade: 53
Department/Division: Grounds/Facilities Services
Reports To: Roads and Grounds Zone Supervisor

Summary

- Function: To provide technical and skilled work in organizing and performing landscape irrigation maintenance, inspections and installations.
- Scope: Responsible for the maintenance, inspection, installation and repair of landscape irrigation systems throughout Main Campus and occasional DTC & ITC.

Duties

- Typical:
 1. Maintains and repairs sprinkler valves and controllers on main campus and will assist occasionally at DTC and ITC .
 2. Monitors irrigation systems to be in compliance with all national, state, and local rules and regulations in regards to backflow prevention and cross connection control to protect our drinking water.
 3. Assures irrigation controllers are set correctly as determined by supervisor and seasonal conditions.
 4. Performs monthly irrigation system analysis as per O&M Preventive Maintenance Program.
 5. Troubleshoots and/or repairs irrigation systems for proper functioning of valves and timers. Locates, excavates and repairs or replaces damaged or malfunctioning equipment.
 6. Prepares working sketches for the development, improvement, or expansion of landscape areas.
 7. Interacts directly with supervisors, contractors, vendors and coworkers. Answers questions and provides information to inquires.
 8. Prepares and performs all necessary documentation per SAWS guidelines

for Annual Irrigation System Check-Ups and water audits.

9. Assures all landscape areas disturbed by repairs, are left in a safe, tidy and aesthetically pleasing manner.
10. Provides support for University events (i.e. set-ups, athletic fields, student activities) by providing program changes or controller activations or deactivations.
11. Ensures equipment is maintained and stored properly.
12. Assures UTSA vehicles, tools, equipment, materials and supplies are kept in good working condition.
13. Performs minor repairs and preventive maintenance on mowers and smaller equipment.
14. Ensure the equipment cooling and other systems are working at all times; refuels fuel and oil daily and reports equipment problems or failures to Supervisor and creates work request for any documentation and repairs.
15. Corrects unsafe conditions in work areas and reports any conditions that are not correctable to Supervisor immediately and creates work request for documentation and correction of safety concern.
16. Attends departmental meetings and various safety, human resources and maintenance training opportunities as available and directed.
17. Fills out daily paperwork and timesheets timely and accurately. Updates Irrigation Analysis forms using word or excel documents.
18. Submits to supervisor thorough and accurate billing information for chargeable or non-chargeable work performed.
17. Performs other duties as assigned.

• Periodic:

1. Assists with monitoring irrigation systems installed by subcontractors by reviewing proposed irrigation designs, recommending materials, monitoring work in progress and final installation of systems via email or verbally.
2. Maintains license by attending certified workshops to complete the CEU requirements.
3. Trenches and installs irrigation sections and initiates minor changes to plans as determined by supervisor.
4. Special projects to include but not limited to building retaining walls, brush clearing, installing walkways and renovating beds, installing fences and repairing sidewalks as required.
5. Performs and maintenance of all undeveloped and developed landscape

areas to include trimming and pruning hedges, and shrubbery, cleaning flower beds, mowing, edging, trimming, weeding, aerating & thatching, removal of clippings, cleaning of drains, removal of trash, cleaning of smoking receptacles, ash urns and watering.

6. Completes seasonal turf maintenance and landscape installations.
7. Will perform pest control duties as assigned by supervisor.
8. May be called upon to perform the work of other maintenance personnel or to assist in the completion of their work to include Outside Construction Workers, Zonal Departments and outside contractors.
9. Power washing of outdoor areas to include but not limited to: walkways, breezeways, stairways, walkways, breezeways, loading docks, patio areas, entry ways and outdoor structures.
10. Bird Feces: Will assist with removal and cleaning while following safety, health guidelines and proper training.
11. Assists in training to assigned helpers.
12. May be required to travel between and working at various UTSA campuses and facilities and within city to pick up supplies. To include transport of workers and equipment to work sites.

Education

Required	Preferred
High school diploma or GED. Must be able to read and write English, and perform in basic arithmetic. Knowledgeable in the use of general office equipment including the use of personal computers.	Beginner or higher levels of proficiency in Microsoft Office Word and Excel.

Other Requirements

Required	Preferred
Licensed Irrigation Technician thru TCEQ Ability to understand and communicate instructions in English. Valid Texas Driver's License Criminal Background Check (CBC) and motor	Landscape Irrigation Auditing and Management Certificate Texas Department of Agriculture Non-Commercial Applicator's License in the category of ornamental and weed.

vehicle check.	Backflow Prevention Assembly Tester thru TCEQ

Experience

Required	Preferred
<p>Four years experience performing installations, troubleshooting, repairing and performing skilled maintenance on irrigation systems in the commercial field.</p> <p>Four years experience performing and troubleshooting irrigation controllers in the commercial field.</p> <p>Ability to report to work on time and perform the duties of the job.</p>	<p>Five or more years hands-on work experience in commercial/University-type setting with irrigation system maintenance and repair.</p> <p>One year experience in supervisory capacity.</p>

Equipment

Required	Preferred
<p>Skilled & Technical knowledge of and the ability to use or operate wire and valve locators, ground-fault locators, solenoid testers, ohm-meters, multi-meters, vehicles, bobcat, dingo and variety of attachments, rock saw, air / hand tools, and other equipment used in landscape irrigation repairs. Also, to include, but not limited to mowers, blowers, chainsaws and edgers.</p> <p>Knowledgeable of the principles of operation of diesel and gasoline engines.</p>	<p>Jack Hammer, concrete saw, polesaw, other equipment used for landscape maintenance.</p>

Working Conditions

Usual	Special
<p>Extended periods of time standing, walking, pushing bending and kneeling</p> <p>Performs heavy manual labor for extended periods under some unfavorable climatic conditions.</p> <p>Must be able to lift up to 50 pounds with or without accommodation.</p> <p>Exposure to hazardous mechanical equipment.</p>	<p>Potential contact with poison ivy and stinging insects, such as ants, bees and wasps.</p> <p>Occasionally requires working at elevated heights.</p> <p>Periodically required to work weekends, holidays and other non-standard hours.</p> <p>Travel between UTSA campus components.</p>

Supervision

Received	Given
Works independently with general supervision of overall effectiveness.	General and specific instructions to assigned helpers.

Accuracy

Considerable accuracy in the care, safety, repair and use of tools and landscape equipment and care and treatment of vegetation.

Security Sensitive

Specific job requirements or physical location of some positions allocated to this classification may render the position security sensitive, and thereby subject to the provisions of section 51.215 Texas Education Code.

Internal Control

Within the scope of position duties, responsible for seeing that operations are effective and efficient, assets are safeguarded, reliable financial data is maintained, and applicable laws, regulations, policies, and procedures are complied with.