



**University of Texas at El Paso  
Job Description**

**Job Code:** 5418  
**Job Title:** Irrigator  
**Department:** Facilities Services  
**Reports To:** In accordance with specific departmental policies  
**FLSA Status:** Non-Exempt  
**Prepared By:** Human Resource Services  
**Creation / Revision Date:** February 28, 2011

**Summary:** Designs, calculates, plans, and installs all irrigation systems including the maintenance and repair of those systems.

**Note:** The primary accountabilities below are intended to describe the general content of and requirements of this position and are not intended to be an exhaustive statement of duties. Incumbents may perform all or some of the primary accountabilities listed below. Specific tasks or responsibilities will be documented in the incumbents' performance objectives as outlined by the incumbents' immediate supervisor or manager. This position is security-sensitive and subject to Texas Education Code §51.215, which authorizes the employer to obtain criminal history record information. Must possess a valid driver's license issued by the State where the applicant resides and must be insurable as defined in the UT System BPM 16-05-02, as applicable to the performance of essential duties and responsibilities of the position.

**Statement of Duties and Responsibilities:**

Designs, calculates, plans and performs irrigation system layouts.

Installs, repairs, and maintains various types of irrigation systems and related components such as sprinkler controls, time clocks, and heads and valves using a variety brands and materials.

Troubleshoots to locate defects in electrical and sprinkler time clock systems and make necessary repairs.

Installs wiring on valves and clocks.

Revamps sprinkler systems to conform to government codes.

Installs, test and repairs backflow devices.

Instructs and assists ground personnel with repairs and installations.

Orders and installs parts for various types of irrigation systems.

Brazes, solders, cuts, and threads pipe and tubing of various types.

Implements water conservation initiatives by recommending and prioritizing upgrades and replacements of systems.

Assists in budget preparation for water conservation, regular maintenance and repair or irrigation systems.

Generates and maintains appropriate logs, records, and inventory of irrigation systems.

Overtime may be required.

Knowledge of all Microsoft Office software and able to learn and use institutional software systems.

Complies with all State and University policies.

Other duties may be assigned.

**Supervisory Responsibilities** Carries out supervisory responsibilities in accordance with the organization's objectives, policies and applicable laws.

**Qualifications** To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.



**Minimum Education required:** High School Diploma or GED

**Minimum Experience required:** Five years of experience, related to the statement of duties and responsibilities; or equivalent combination of education and experience. Must have a Texas Irrigation License. Knowledge of tools, machinery, materials, and procedures to maintain irrigation systems, government codes and regulations pertaining to irrigation and plumbing systems, plumbing and electrical systems and procedures related, but not limited to, sprinkler systems and time clocks, water conservation techniques, integrated, environmentally safe pest management practices. Ability to use tools and equipment in a safe manner, establish a preventive maintenance program for sprinkler systems, and work from blueprints and specifications.

**Physical Demands:** The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand; walk; use hands to feel; reach with hands and arms; climb or balance and stoop, kneel, crouch, or crawl. The employee is frequently required to stand, walk, talk or hear. The employee is occasionally required to sit. The employee must frequently lift and move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus. May be required to wear Personal Protective Equipment to include: Steel toe or Non-slippery shoes, rubber or leather gloves, eye protection, ear protection, rubber boots, coveralls, sunglasses, and straw hat.

**Work Environment:** The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed wet and humid conditions and outside weather conditions. The employee is frequently exposed to fumes or airborne particles and toxic or caustic chemicals. The employee is occasionally exposed to moving mechanical parts, extreme heat and vibration. The noise level in the work environment is usually moderate.