Irrigation Specialist

POSITION INFORMATION

Type of Action Requested:* New (Create a new Position Description)
Internal Team:* SL-FacMgmt-Landscape Services-128200
Job Code/Employee Classification:* Irrigation Specialist
   Job No: 0735
Classification Title: Irrigation Specialist
MPP Job Code: Irrigation Specialist
Position Number: Position no: SL-00001926
CSU Working Title:* Irrigation Specialist
Salary Range/Grade: 0735-RANGE A-Grade-1
   Minimum $ 2,990.00
   Maximum $ 5,404.00
Reports To: Ex Dir Facilities Operations
Campus:* San Luis Obispo
Division:* Administration and Finance
College/Program:* Facilities Management and Dev
Department:* FacMgmt-Landscape Services - 128200
FLSA Status:* Non-Exempt

SENSITIVE POSITION

Sensitive Position: ☐ Yes ☐ No

Job Summary/Basic Function:* Facilities Management and Development (FMD), a unit within the Administration and Finance Division (AFD), is responsible for the planning, design, construction, operations, maintenance, and repair of university facilities and grounds. FMD consists of five critical and interdependent support departments, including Facilities Customer & Business Services; Energy, Utilities, & Sustainability; Environmental Health & Safety; Facilities Planning & Capital Projects; and Facility Operations. In support of the Cal Poly mission, the Facilities and Management and Development department is committed to promoting a culture that values individual and organizational integrity, civility, and diversity.

Under general supervision, the Irrigation Specialist maintains and repairs grounds irrigation systems including modification of existing systems and the planning, cost estimating, and installation of new systems. The Irrigation Specialist performs specialized work on irrigation systems in grounds areas for a major portion of the incumbent's work time. Irrigation Specialists may occasionally be assisted by Lead Groundworkers, Groundworkers or other Specialists in irrigation system maintenance and repair work which may include maintenance of sprinkler heads, minor repairs to sprinkler lines and setting clocks on automatic control devices.

Minimum Qualifications:* Two years of experience in the care and maintenance of landscaped areas or general grounds, with one year in the maintenance, repair, or modification of irrigation systems and irrigation equipment.
**Required Qualifications:**

- Thorough knowledge of the soil conditions of the various areas of the campus.
- Thorough knowledge of the climate of the San Luis Obispo and surrounding areas.
- Thorough knowledge of the mechanical principles of sprinkler equipment.
- General knowledge of the kinds of sprinkler control devices and irrigation equipment available on the market.
- Ability to plan, estimate costs, and install or modify irrigation systems for particular section of the campus.
- Ability to repair and maintain existing irrigation systems.
- Ability to operate, maintain and program a central irrigation control system.
- Ability to operate equipment such as small trench-diggers.
- Ability to provide lead work direction to others.
- Ability to read, write and perform arithmetic calculations at a level appropriate for the position.
- Ability to maintain records, retrieve data and prepare standard reports using manual and/or computerized record-keeping systems.
- Ability to analyze and respond appropriately to emergency situations.
- Ability to interact and communicate in an effective manner, as well as, establish and maintain cooperative working relationships with clientele such as students, staff, faculty, co-workers and the public.

**Preferred Qualifications:**

- Possession of the appropriate California Department of Pesticide Regulation license to perform landscape maintenance work.
- Irrigation Association Certified Landscape Irrigation Auditor
- Irrigation Association Certified Irrigation Technician
- Experience in an institutional environment and/or athletic facility.

**Special Conditions:**

- Must be able to work in outdoor areas where there is exposure to extreme elements, such as noise, dust, dirt, heat, cold, wind and rain.
- Must be able to perform work involving, but not limited to, lifting (up to 50 pounds), carrying, and maneuvering heavy objects; squatting, climbing, twisting, standing, walking, stooping, reaching, pushing, pulling, bending, and kneeling for long periods.
- Must be able to work various shifts (as applicable), including weekends, and a willingness to switch shifts to meet operational needs. Must be able to work overtime, occasional holidays, and adjust working hours to meet special jobs. May be called back periodically to perform work as needed on an emergency basis.
- Must be able to successfully pass a pre-employment background/fingerprint check.

The person holding this position is considered a 'mandated reporter' under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment

**License / Certification:**

- Possession of a valid driver’s license or the ability to obtain by date of hire.
- General - The person holding this position is considered a general mandated reporter under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083, revised July 21, 2017.

**Mandated Reporter:**

- Yes
- No

**NCAA:**

- Yes
- No

**Conflict of Interest:**

- None

**Supervises Employees:**

- Yes
- No

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**Job Duties**
## JOB DUTIES

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<tr>
<th>% of time</th>
<th>Duties / Responsibilities</th>
<th>Essential / Marginal</th>
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<td>90</td>
<td>Repair broken sprinkler lines, sprinkler heads, valves and related equipment.</td>
<td>Essential</td>
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<td>Clear blockages from valves and pipes.</td>
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<td>Inspect service, maintain and repair automatic sprinkler control devices.</td>
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<td>Perform irrigation efficiency testing to ensure proper coverage and make necessary changes to correct deficiencies.</td>
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<td>Stay up to date on the latest irrigation materials and technologies available, keeping improved efficiency in mind.</td>
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<td>Check and respond to daily for alerts from a central irrigation control system.</td>
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<td>Install, maintain, program and run regular reports a central irrigation control system components.</td>
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<td>Understand evapotranspiration and how it effects irrigation requirements.</td>
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<td>Perform minor repairs on sprinkler control devices.</td>
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<td>Establish and maintain sprinkler system preventive maintenance programs.</td>
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<td>Plan irrigation systems, select types of irrigation equipment, estimate costs, and install or modify sprinkler systems.</td>
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<td>Review landscaped areas and coordinate the installation of new sprinkler systems the modification of existing sprinkler systems and updating existing irrigation plans with each change, taking into consideration the vegetation, soil conditions, and evaporation and water retention factors.</td>
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<td>Work closely with contractors installing sprinkler systems around new structures to assure proper irrigating capabilities of the system.</td>
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<td>Prepare or revise sketches or plans to show location of pipes, valves, sprinkler heads, and water pressure.</td>
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<td>May order supplies used in the campus irrigation system.</td>
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<td>May provide lead work direction to students, Groundworkers or individuals in other grounds classifications engaged in routine sprinkler maintenance activities.</td>
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<td>May perform emergency repair work on irrigation systems.</td>
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<td>May on occasion perform Groundworker duties.</td>
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<td>May drive pick-ups and other automotive equipment in the performance of assigned duties.</td>
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<td>Perform other job-related duties and special projects as assigned</td>
<td>Marginal</td>
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<td>Attend training and maintain skill currency as appropriate to safely and effectively complete assignments.</td>
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SELECTION CRITERIA

Posting Details

Advertising Summary: The Facilities Management and Development (FM&D) organization is a unit within the Administration and Finance division and is responsible for the management, operations, and development of facilities on the university campus.
We are currently looking for a qualified Irrigation Specialist to join our team!

Job Summary
Under general supervision, the Irrigation Specialist maintains and repairs grounds irrigation systems including modification of existing systems and the planning, cost estimating, and installation of new systems. The Irrigation Specialist performs specialized work on irrigation systems in grounds areas for a major portion of the incumbent’s work time. Irrigation Specialists may occasionally be assisted by Lead Groundworkers, Groundworkers or other Specialists in irrigation system maintenance and repair work which may include maintenance of sprinkler heads, minor repairs to sprinkler lines and setting clocks on automatic control devices.

Department Summary
Facilities Management and Development (FMD), a unit within the Administration and Finance Division (AFD), is responsible for the planning, design, construction, operations, maintenance, and repair of university facilities and grounds. FMD consists of five critical and interdependent support departments, including Facilities Customer & Business Services; Energy, Utilities, & Sustainability; Environmental Health & Safety, Facilities Planning & Capital Projects; and Facility Operations. In support of the Cal Poly mission, the Facilities and Management and Development department is committed to promoting a culture that values individual and organizational integrity, civility, and diversity.

Key Qualifications
- Repair broken sprinkler lines, sprinkler heads, valves and related equipment.
- Clear blockages from valves and pipes.
- Inspect service, maintain and repair automatic sprinkler control devices.
- Perform irrigation efficiency testing to ensure proper coverage and make necessary changes to correct deficiencies.
- Stay up to date on the latest irrigation materials and technologies available, keeping improved efficiency in mind.

Education and Experience
Two years of experience in the care and maintenance of landscaped areas or general grounds, with one year in the maintenance, repair, or modification of irrigation systems and irrigation equipment.
Possession of a valid driver’s license or the ability to obtain by date of hire.

Salary:
Anticipated Hiring Range: $45,600 - $54,000
Classification Range: $35,880 - $64,848

Cal Poly
Known for its Learn by Doing pedagogy, Cal Poly is the flagship of the world-renowned California State University system. Annually recognized as one of the top public universities in the nation, Cal Poly continues to offer an academic curriculum based on learned experience gained through real-world practice. Located in San Luis Obispo, Cal Poly is nestled comfortably among the coastal foothills, minutes from the Pacific Ocean and equidistant to the Bay Area and Los Angeles.

Cal Poly offers a best-in-class benefits program, including health, dental and vision insurance, retirement participation in the Public Employees' Retirement System, and educational benefits for eligible employees. See our benefits website for additional information.
Diversity Statement

At Cal Poly, we believe that cultivating an environment that embraces and promotes diversity is fundamental to the success of our students, our employees and our community. Bringing people together from different backgrounds, experiences and value systems fosters the innovative and creative thinking that exemplifies Cal Poly's values of free inquiry, cultural and intellectual diversity, mutual respect, civic engagement, and social and environmental responsibility.

Cal Poly's commitment to diversity informs our efforts in recruitment, hiring and retention. Cal Poly is an affirmative action/equal opportunity employer.

Supplemental Information

Following a conditional offer of employment, a background check (including a criminal records check) must be completed satisfactorily before any candidate may start work with Cal Poly. Failure to satisfactorily complete the background check may result in the withdrawal of the offer of employment. Current employees who are offered positions on campus will be required to undergo a background check for any position where a background check is required by law or that Cal Poly has designated as sensitive.

The person holding this position is considered a 'mandated reporter' under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

This position may be "Designated" under California State University's Conflict of Interest Code. This would require the filing of a Statement of Economic Interest on an annual basis and the completion of training within 6 months of assuming office and every 2 years thereafter.

Cal Poly, San Luis Obispo is not a sponsoring agency for staff positions (i.e. H1-B visas).

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**USERS AND APPROVALS**

Justification for Position:  
For all positions, please summarize the following points for budget and senior leader review. Please note, this information is required; and requests will be returned if not completed:

- **Business Need:** What operational or strategic goals will this role support? What are the consequences of not filling it?
- **Impact on Operations:** What are the anticipated benefits to business operations (i.e. enable greater customer service focus, decrease backlog, serve students more efficiently, etc.)?
- **Anticipated Cost:** What is the overall cost for the role (include base salary range + average benefit cost, advertising, relocation, and hiring bonus, (if applicable)?
- **Budget Analysis:** How is this position to be funded? If funded from current departmental operating funds, please indicate if department has sufficient budget to support the hire.
- **Changes to Position:** For existing positions, list changes (if any) you are making to this position number (i.e. change to classification, time basis, reports-to, etc.):

Additional information for new MPPs:

Please attach an organizational chart in the Documents tab above.

**Hiring Administrator:** Jude Fiederman  
**Approval process:**  
| 1. Appropriate Administrator: | Jude Fiederman | Approved Oct 22, 2019 |
| 2. Human Resources: | Quinn Tanner | Approved Oct 28, 2019 |

**HR/Faculty Affairs Representative:** Quinn Tanner