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## Auburn University Job Description

Job Title:	<b>Tech III, Irrigation</b>	Job Family:	No Family
Job Code:	<b>NA37</b>	Grade 32:	\$35,000 - \$58,400
FLSA status:	Non-exempt		

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### Job Summary

Under limited supervision, performs a variety of advanced repairs, installations, and maintenance for all irrigation systems associated with Auburn University including central control smart irrigation systems.

### Essential Functions

1. Performs complex electrical troubleshooting, repairs, and preventative and routine maintenance on irrigation systems.
2. Operates machinery required to install and maintain irrigation systems including, but not limited to, mini excavators, trenchers, small boring machines, and small utility tractors.
3. Assists with University landscape projects by providing irrigation system support.
4. Determines the appropriate amount of water required for irrigation by calculating flowrates (GPM) and water pressure (PSI).
5. Schedules the watering of all irrigated areas around campus according to season, weather, and campus events.
6. Programs all irrigation controllers, including smart controllers, so that water is distributed on an as needed basis.
7. Installs new irrigation systems through trenching, wiring, and valve box digging.
8. Designs new irrigation systems by mapping zones, determining pipe and line sizes, and selecting the appropriate components.
9. Installs, oversees, and maintains network-based central control irrigation systems. Interprets flow rates master valves and control data to detect leaks, monitors soil moisture levels, and ensures water conservation.
10. May be responsible for meeting and maintaining training and certification requirements as outlined by the applicable department's training and credentialing requirements.
11. Performs other related landscape duties as assigned.

### Supervisory Responsibility

*The above essential functions are representative of major duties of positions in this job classification. Specific duties and responsibilities may vary based upon departmental needs. Other duties may be assigned similar to the above consistent with the knowledge, skills and abilities required for the job. Not all of the duties may be assigned to a position.*

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## Minimum Required Education and Experience

	<u>Minimum</u>	<u>Focus of Education/Experience</u>
<b>Education</b>	High School	High school diploma or equivalent.
<b>Experience (yrs.)</b>	4	Experience specifically in irrigation installation, including at least 2 years as the previous level or equivalent.

### Substitutions allowed for Education:

Indicated education is required; no substitutions allowed.

### Substitutions allowed for Experience:

Indicated experience is required; no substitutions allowed.

### Minimum Required Knowledge

Knowledge of software, programs, and technical systems relating to irrigation systems. Knowledge of the parts and pieces of irrigation technology, pipes, and controllers. Working knowledge of 2-wire irrigation systems and components. Knowledge of water pressure and flow rates. Understanding of complex hydraulics.

### Certification or Licensure Requirements

Valid driver's license, Irrigation Association (IA) Irrigation Technician Certification (CIT).

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## Physical Requirements/ADA

Regularly involves lifting, bending or other physical exertion. Often exposed to one or more elements such as heat, cold, noise, dust, dirt, chemicals, etc., with one often to the point of being objectionable. Injuries may require professional treatment.

Routine deadlines; usually sufficient lead time; variance in work volume seasonal and predictable; priorities can be anticipated; some interruptions are present; involves occasional exposure to demands and pressures from persons other than immediate supervisor.

Job frequently requires standing, reaching, stooping/kneeling/crouching/crawling, talking, hearing, handling objects with hands, and lifting up to 50 pounds.

Job occasionally requires walking, sitting, climbing or balancing, and lifting up to 100 pounds.

Ability to see information in print and electronically.

Date: 1/17/2020

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