

**JOB INFORMATION**

|                         |                        |
|-------------------------|------------------------|
| Job Code                | JA04D                  |
| Job Description Title   | Electrical Engineer IV |
| Pay Grade               | FM18                   |
| Range Minimum           | \$72,850               |
| 33rd %                  | \$92,280               |
| Range Midpoint          | \$102,000              |
| 67th %                  | \$111,710              |
| Range Maximum           | \$131,140              |
| Exemption Status        | Exempt                 |
| Approved Date:          | 1/1/1900 12:00:00 AM   |
| Legacy Date Last Edited | 5/31/2022              |

**JOB FAMILY AND FUNCTION**

|               |                                       |
|---------------|---------------------------------------|
| Job Family:   | Facilities, Maintenance, & Operations |
| Job Function: | Design Management                     |

**JOB SUMMARY**

Provides engineering management, support and over-site of project scopes, budgets, contracts, design, bidding, construction and compliance with codes and standards, and day-to-day operational and tactical aspects associated with various projects and facilities.

**RESPONSIBILITIES**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"><li>• Reviews electrical drawings and specifications prepared by others for good design practice and NEC (National Electrical Code) compliance.</li><li>• Provides electrical engineering solutions, designs, and support for construction and maintenance projects on campus buildings and systems.</li><li>• Provides electrical support for the University by planning, designing, developing, assisting in construction, maintenance and operations of projects and ensures that design and construction are to code.</li><li>• Inspects electrical installation to verify code compliance and to confirm that installation is consistent with intent of design documents, prepares and distributes reports to appropriate personnel.</li><li>• Collects data for use in the formulation of university design standards and maintains approved design criteria and/or code compliance requirements.</li><li>• Investigates equipment failures and difficulties to diagnose faulty operations, and make recommendations to maintenance crews.</li></ul> |
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**SUPERVISORY RESPONSIBILITIES**

|                            |                                                                           |
|----------------------------|---------------------------------------------------------------------------|
| Supervisory Responsibility | May supervise employees but supervision is not the main focus of the job. |
|----------------------------|---------------------------------------------------------------------------|

**MINIMUM QUALIFICATIONS**

**To be eligible, an individual must meet all minimum requirements which are representative of the knowledge, skills, and abilities typically expected to be successful in the role. For education and experience, minimum requirements are listed on the top row below. If substitutions are available, they will be listed on subsequent rows and may only to be utilized when the candidate does not meet the minimum requirements.**

## MINIMUM EDUCATION & EXPERIENCE

| Education Level   | Focus of Education                                         |     | Years of Experience | Focus of Experience                                |  |
|-------------------|------------------------------------------------------------|-----|---------------------|----------------------------------------------------|--|
| Bachelor's Degree | Degree in Electrical Engineering is required for Level IV. | And | 4 years of          | Experience in engineering practices and principles |  |

Substitutions Allowed for Experience

Yes

*Substitution allowed for Experience: When a candidate has the required education, but lacks the required experience, they may normally apply additional appropriate education toward the experience requirement, at a rate of one (1) year relevant education per year of required experience.*

## MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

Fully competent in all conventional aspects of subject matter or functional area of assignments.

## MINIMUM LICENSES & CERTIFICATIONS

| Licenses/Certifications                        | Licenses/Certification Details | Time Frame | Required/Desired |  |
|------------------------------------------------|--------------------------------|------------|------------------|--|
| DL NUMBER - Driver License, Valid and in State |                                | Upon Hire  | Required         |  |

## PHYSICAL DEMANDS & WORKING CONDITIONS

Physical Demands Category: Other

## PHYSICAL DEMANDS

| Physical Demand               | Never | Rarely | Occasionally | Frequently | Constantly | Weight |
|-------------------------------|-------|--------|--------------|------------|------------|--------|
| Standing                      |       |        | X            |            |            |        |
| Walking                       |       |        | X            |            |            |        |
| Sitting                       |       |        |              | X          |            |        |
| Lifting                       | X     |        |              |            |            |        |
| Climbing                      |       |        | X            |            |            |        |
| Stooping/ Kneeling/ Crouching |       | X      |              |            |            |        |
| Reaching                      |       |        | X            |            |            |        |
| Talking                       |       |        | X            |            |            |        |
| Hearing                       |       |        | X            |            |            |        |
| Repetitive Motions            |       |        |              | X          |            |        |
| Eye/Hand/Foot Coordination    |       |        |              | X          |            |        |

## WORKING ENVIRONMENT

| Working Condition | Never | Rarely | Occasionally | Frequently | Constantly |
|-------------------|-------|--------|--------------|------------|------------|
| Extreme cold      |       |        | X            |            |            |
| Extreme heat      |       |        | X            |            |            |
| Humidity          |       |        | X            |            |            |
| Wet               |       |        | X            |            |            |
| Noise             |       |        | X            |            |            |
| Hazards           |       |        | X            |            |            |

WORKING ENVIRONMENT

| Working Condition      | Never | Rarely | Occasionally | Frequently | Constantly |
|------------------------|-------|--------|--------------|------------|------------|
| Temperature Change     |       |        | X            |            |            |
| Atmospheric Conditions |       |        | X            |            |            |
| Vibration              |       |        | X            |            |            |

**Vision Requirements:**

Ability to see information in print and/or electronically and distinguish colors.