AUBURN
Human Resources

# Prin Res Sci/Eng H'ville VI

Job Description

## JOB INFORMATION

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|---|---|
| Job Code | HU01F |
| Job Description Title | Prin Res Sci/Eng H'ville VI |
| Pay Grade | H37 |
| Range Minimum | $145,740 |
| 33rd % | $177,800 |
| Range Midpoint | $193,830 |
| 67th % | $209,860 |
| Range Maximum | $241,920 |
| Exemption Status | Exempt |
| Organizational use restricted to the following divisions | 128 Samuel Ginn Col of Engineering |
| Approved Date: | 1/1/1900 12:00:00 AM |
| Legacy Date Last Edited | 9/25/2013 |

## JOB FAMILY AND FUNCTION

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|---|---|
| Job Family: | Research |
| Job Function: | Disciplinary Research |

## JOB SUMMARY

Conducts research in various fields of engineering or science to discover facts or perform research directed toward investigations, evaluation, and application of engineering or scientific theories and principles.

## RESPONSIBILITIES

- Leads research and development projects requiring the applications of professional engineering or scientific practices and principles.
- Provides technical contributions and develops concepts that lead to new leading edge technologies/techniques/methods.
- Provides in-depth technical advice to other areas.
- Operates, maintains, and repairs specialized equipment.
- Advises faculty, postdocs, students, and staff with design, modification, prototype, processes, analysis procedures, and other engineering solutions.
- Designs and fabricates equipment, materials, systems utilizing engineering and scientific practices and principles.
- Ensures supplies are available and operational for use in projects.
- May manage local computer systems for laboratory functionality.
- Develops proposals, budgets, schedules and progress reports and presents results.
- Evaluates findings to develop new concepts, equipment, or processes.
- Prepares technical reports for long and short-range planning.

## SUPERVISORY RESPONSIBILITIES

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|---|---|
| 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 | |
|---|---|---|---|---|---|
| PhD | in engineering, science, or related field | And | 10 years of | Experience in engineering and research practices and principles. Experience must include at least 2 years at the preceding level or equivalent. | Or |
| Master's Degree | in engineering, science, or related field | And | 14 years of | Experience in engineering and research practices and principles | Or |
| Bachelor's Degree | in engineering, science, or related field | And | 18 years of | Experience in engineering and research practices and principles | |

## MINIMUM KNOWLEDGE, SKILLS, & ABILITIES

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|---|---|
| Knowledge of research principles, laboratory techniques, and safety procedures. | And |
| Technical liaison to individuals within or outside the organization involving exploration of a subject area, definition of scope, selection of areas for investigation and development of novel concepts. | |

## MINIMUM LICENSES & CERTIFICATIONS

| Licenses/Certifications | Licenses/Certification Details | Time Frame | Required/ Desired | |
|---|---|---|---|---|
| None Required. | | | | |

## PHYSICAL DEMANDS & WORKING CONDITIONS

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|---|---|
| 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 | | |

## WORKING ENVIRONMENT

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

| **Vision Requirements:** |
|---|
| Ability to see information in print and/or electronically and distinguish colors. |