

## **Research Associate 3 or 4 in Electrical & Computer Engineering**

### **Job Description:**

Laboratory manager to assist faculty research and experimentation in the Electronic Material & Device Laboratory housed in the Department of Electrical & Computer Engineering. This person will support faculty research through design, acquisition and fabrication of research equipment. He/she will be responsible for installing, commissioning, trouble-shooting, repair, maintenance and calibration of semiconductor processing and test equipment within the laboratory. The person will supervise and train students working in the laboratory. This person will assist in the department's annual inventory for equipment and will assist in maintenance, purchase and upkeep of electronic equipment in various teaching laboratories in the department.

### **Required Qualifications:**

(RA3): A bachelor's degree with preference given to a degree in electrical engineering and 2 years of related experience or a masters degree will substitute.

(RA4): A masters degree and 3 years of related experience.

### **Preferred Qualifications:**

Hands-on experience in a research or industrial laboratory is desirable. Advanced education and/or experience in chemistry are highly desirable. Areas of desirable experience include design, fabrication and maintenance of sophisticated equipment and instruments including diffusion systems, vacuum systems, lithography equipment, optical systems, and electrical characterization of semiconductor devices and structures. A good aptitude to work in a research environment and ability to use oscilloscopes and other general purpose electronic instruments are essential. Salary will be based on qualifications and experience.

### **Special Requirements:**

Applicants must be eligible to work in the United States.

All candidates must apply at: <https://lsusystemcareers.lsu.edu/applicants/Central?quickFind=53672>