

# Job Description

Title: Senior Electronic Lab Technician Cost Ctr: \_\_\_\_\_  
Work Location: Addison, TX Position Status: ☒ Full-time ☐ Part-time  
Division & Department: Engineering  
Position Reports to: Engineering Director

## COMPANY VALUES

All Authentix employees are expected to embrace our Company values in the performance of their respective tasks and duties.

Always with *integrity*.....Authentixians value:

- Teaming and collaboration
- Advancing science and technology - for a better world
- Dedicating ourselves to our clients' success
- Competing and winning in the marketplace

## JOB SUMMARY

The Senior Electronic Lab Technician sets up and execute electrical/mechanical engineering prototype fixtures. Troubleshoot electrical device from a schematic and associated equipment down to the chip component level. Have the ability to work from a schematic and or bill of materials to build up a prototype (make cables, soldering chips on a board), and testing the prototype using an oscilloscope, multimeter or data acquisition test equipment.

## Functional Description:

- Work with development team assisting with designing, prototyping and testing electronic devices and systems
- Help in the planning of prototyping assembling electronic PCB hardware, and testing systems without supervision
- Interpret electrical schematics, specifications, and test procedures.
- Proactively solves problems on engineering products and provides recommended course of action when needed.
- Help in the analyzing, interpreting, and formulate preproduction testing results.
- Fabricate test fixtures as necessary to support test procedures.
- Reliably record data and experimental setups
- Work closely with design engineering staff, as well as, working independently

## Candidate Competencies:

- 5+ years' experience in a design and development environment prototyping electronic assembling and systems.

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- Experience working with embedded systems and electronic test equipment such as oscilloscopes, multimeters, data acquisition systems, and temperature testing
- Excellent soldering and prototyping skills including surface mount technology (0201) Ability to read and understand schematics
- Knowledge of parts procurement, working with and creating a Bill of Materials
- Strong computer skills with Word / Excel and the ability to document all test results.
- Creative team-player with excellent communication skills

## Education and Experience:

- Associates degree in electronic or mechanical technology
- Minimum of 5 years of experience working in a electronics lab

## SPECIAL REQUIREMENTS

- None.

## WORK REQUIREMENTS

The work environment characteristics are representative of those an employee encounters while performing the job. Authentix is committed to complying with all applicable provisions of the Americans with Disabilities Act (ADA), the ADA Amendments of 2008 and all applicable state and local laws concerning disability accommodation. Reasonable accommodations will be provided to individuals with known physical or mental disabilities if such accommodation would not impose an undue hardship on the company, and would enable the individual to apply for, or perform, the essential functions of the position in question.

Environment: Work is performed primarily in a standard office environment. Employees may work under the stress of regular interdepartmental interaction and pressure to meet various deadlines.

Physical: Essential functions require sufficient physical ability and mobility to work in an office setting. While performing the duties of this job, the employee is frequently required to stand and/or sit for prolonged periods of time; must be able to hear and verbally communicate in order to exchange information in person or over the phone; to occasionally stoop, bend, kneel, crouch, reach and twist; to lift, carry, push and/or pull up to 25 pounds of weight; to operate office equipment requiring repetitive hand movement; to occasionally travel to other locations using various modes of private or commercial transportation.

## NOTIFICATION

This Job Description is intended to describe the general nature and level of work being performed by people assigned to this job and is not considered an exhaustive list of all responsibilities, duties and required skills. This Job Description does not constitute an offer of

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employment. The employment relationship between the Company and its employees is “At-Will” and based on mutual consent. Authentix, Inc. is an Equal Opportunity Employer.

<i>Human Resources use only</i>	
Job Title	Senior Electronic Lab Technician
Management (Yes / No)	No
Status (Exempt / Non-Exempt)	Exempt
Date Revised	7/11/2018
HR Approval Signature / Date	
Executive Approval Signature / Date	