Department: **Engineering**

Managed By: **Engineering Manager**

Job Title: **Engineering Intern**

The Engineering intern assists all levels of engineers with their tasks and associated assignments. Will assist in the development and test of electrical and electro-mechanical assemblies. The candidate will execute test plans, and record test results.

**Key Responsibilities:**

Supports Engineering in new and sustaining product developments. This will include building, testing, troubleshooting, and gathering test data for breadboards and prototypes. Will interface to and consult with engineering staff to resolve test failures of prototype units. Assembles experimental circuitry or prototype models according to engineering instruction, design drawings, and knowledge of electronic systems.

**Requirements:**

* A minimum of one year into college. Ideal candidates will be in Junior or Senior years in the college with major in Electrical / Mechanical Engineering.
* Desire to learn hands on tool skills including soldering of both surface mount and through-hole components on PCBs
* Desire to work in a testing environment.
* Ability to fabricate wire harnesses and test cables.
* Ability to work with Engineering lab equipment, such as power supplies, oscilloscopes, and signal generators.
* Ability to order and track parts for Engineering use
* Good verbal and written communication and organizational skills
* Ability to multi-task and work independently
* Knowledge of analog and digital circuits is preferred
* Working knowledge of desktop computers

**Authorities:**

Ensure compliance with applicable processes and procedures during the course of daily job function

**Physical Demands:**

While performing the duties of this job, the employee is occasionally required to stand, walk, sit, use hands to finger, reach with arms and hands, climb stairs, stoop, kneel, crouch, talk or hear. The employee must occasionally lift and/or move up to 30 lbs.

**Work Environment:**

While performing the duties of this job, the employee is exposed to weather conditions prevalent at the time and an air-conditioned and heated office. The noise level is occasionally high.

**Disclaimer:**

The above information on this description has been designed to indicate the general nature and level of work performance by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees assigned to this job.

Avionic Instruments is an Equal Opportunity Employer and encourages the application of female, minority, disabled and veteran candidates. Due to the potential for exposure to ITAR controlled data, the incumbent in this role must be a US Person (US Citizen or US Permanent Resident). Interested candidates should submit their resume and salary requirements.