

***Are you a quality driven individual?  
Do you have a passion for perfection?***

**If you answered Yes to these questions, you could be just the individual we are looking for.**

**INTERNSHIP: ELECTRONICS**

**Salary Range (differentiated according to the level of qualification): R 6 375.00 - R 8 375.00 per month**

**Overview of the Organisation**

NMISA is a Type 3A Public Entity established in accordance with the Measurement Unit and Measurement Standards Act, No. 18 of 2006 (the Act). NMISA is mandated by the Act to provide for the use of the international system of units (the SI) and other measurement units in South Africa, to maintain national measurement standards (NMS) and to determine and ensure the comparability of the NMS. More information can be obtained from [www.nmisa.org](http://www.nmisa.org).

**PURPOSE OF THE POSITION**

To assist with performance of maintenance, repairs and fault finding on all electronic equipments in laboratories and provide support to the assistant electronic technician. Assist with design circuits on appropriate software and operation on PCB machine. The incumbent will also be expected to assist technical support within the Applied Metrology Division.

**MINIMUM QUALIFICATIONS, SKILLS AND EXPERIENCE**

- Three-year tertiary qualification in the field of (Electronics) or equivalent
- Postgraduate qualification will be added advantage
- PCB layout using appropriate CAD
- Appropriate computer-aided design qualification or education practical experience
- Knowledge of a wide variety of materials and electronic components
- Up to date with leading edge electronic components and industrial equipment
- Automation of systems using programming and electronic design

**MAJOR RESPONSIBILITIES**

- Assist in Fault finding in electronic circuits
- Assist with Repair of electronic circuits
- Assist with system design and automation on projects
- Assist with the design and documentation of electronic products.
- Assist with operation of the PCB machine in the workshop
- Assist with workshop chores (e.g. stock taking, cleaning etc.)
- Assist in maintenance and cleaning of workshop machines
- Assist with purchasing and collecting
- Be a team player
- Comply with the requirements of the NMISA TQMS to ensure process consistency and effectiveness

## PERSON SPECIFICATION

The ideal candidate will possess the following qualities and competencies:

- Deadline conscious
- Enthusiastic and self-motivated
- Good reasoning ability focused on problem solving with independent, proactive action
- Good planning and organising skills with analytical approach to work tasks
- Follow organisational and laboratory rules such as policies and procedures
- Honesty and ethical behaviour is of the utmost importance when delivering on assigned tasks within NMISA
- Ability to function within a team to achieve a common goal

### **Please note:**

NMISA subscribes to and applies the principles prescribed by the Employment Equity Act. Preference will be given to candidates who meet the requirements and who will add to the cultural and gender diversity of the organisation. NMISA's Human Capital Development programme, which this Internship forms part of, is focused on recruiting the following candidates in order of preference: Coloured, African & Indian.

**Interested and suitably qualified persons may forward all supporting documentation required (updated CV, certified educational qualifications, certified academic record and certified ID.) when applying for the position email NMISA Human Resource at [careers@nmisa.org](mailto:careers@nmisa.org). Only candidates with all supporting documents will be considered for the position. Clearly indicate which position you are applying for.**

**Closing date for applications: 04 May 2022**

People with disabilities are encouraged to apply

Correspondence will be limited to short-listed candidates only.

By applying for this position at NMISA, the applicant understands, consents and agrees that NMISA may solicit a credit and criminal report from a registered credit bureau and/or the SAP in relation to positions that require trust and honesty and/or entails the handling of cash or finances and may also verify the applicant's educational qualifications and employment history.