



Dakar American University of Science & Technology

Dakar / Somone

Educating the next generation of Engineers, Inventors, and Innovators

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Electrical Engineering Lab Intern

Applications are invited for **Electrical Engineering Lab Intern** available starting in **Monday, August 12th 2019** for a duration of **6 months** at Dakar American University of Science & Technology (DAUST).

Newly established Dakar American University of Science & Technology provides instruction and research for undergraduate and graduate students in fields of engineering and technology. Officially approved to open on January 1, 2017 by the Senegalese Ministry of Higher Education and Research, DAUST, located in Somone (about one hour and a half south of Dakar), is a research university of academic excellence.

The goal of DAUST is to prepare and train motivated individuals for careers in engineering and technology. DAUST offers a highly personalized setting that prepares students to become engineering professionals capable of developing technological solutions to Africa's societal needs and challenges.

The Electrical Engineering & Computer Science (EECS) Department at DAUST is seeking to hire a **Scientific Lab intern** to join our team. Responsibilities of the position include, but are not limited to:

- Responsible for safety instructions to students who will be working in the labs
- Will help train students in safety protocol and equipment operations
- Responsible for setting up experimental stations for instructional and research labs including both instruments, equipment and their manuals and instructions in working conditions
- Prepare and supervise demonstrations and conduct more complex tests and experiments for demonstration purposes
- Help design and coordinate machine and equipment operations to demonstrate the outcomes of complex testing
- Coordinates repairs with departmental instrument and equipment repair staff or vendors
- Enforce rules and regulations to ensure full and safe utilization of lab equipment
- Will assist faculty and students in the planning and design of research or instructional activities and programs
- Must maintain operational, electrical knowledge of the labs.

The preferred candidate will possess a Degree in related field (Electrical Engineering, Computer Science); or any equivalent combination of education, training and experience. The following knowledge, skills, and abilities are required:

- General understanding of and competence in the field of science related to position
- Knowledge of special equipment used in teaching laboratories and/or test instruments, repair equipment, tools and parts in use in the electronics field
- Ability to teach and/or supervise others through demonstration and verbal communication
- Knowledge of scientific techniques, methods and procedures
- Ability to locate and replace defective parts and troubleshoot technical equipment
- Ability to prepare accurate assays or perform arithmetical computations and maintain detailed records
- Skill in conducting tests and measurements
- Skill in observation and analysis

- Knowledge of appropriate safety and security precautions appropriate to work performed

Compensation:

Salary is highly competitive and commensurate with experience and accomplishments.

Application Procedure:

Submit a Cover Letter (Firstname_Lastname_Cover_Letter.pdf) and a CV (Firstname_Lastname_CV.pdf) to info@daust.org.

Review of applications will start immediately.

For more information about DAUST, please visit: <http://daust.org/>.