

LAND SURVEYING PROGRAMME INSTRUCTOR

Organisation Overview

The Pharo Foundation (“the Foundation”) is a privately funded entrepreneurial organisation that runs philanthropic programmes as well as for-profit Pharo Ventures. The Vision of the Foundation is an economically vibrant and inclusive Africa. The Mission is to achieve the Vision by investing in the human and physical capital of Africa, with a strong focus on job creation.

Established in 2011 as a UK based non-profit, the Foundation has since made a strategic shift to directly design and implement its own programmes to ensure greater engagement with communities, better results and increased accountability. The Foundation has carried out numerous projects in East Africa, with a focus on Ethiopia, Somaliland and Rwanda. The key themes for the philanthropic side of the Foundation are education, health, water and agriculture. At the end of 2019, the Foundation started its Pharo Ventures franchise to prioritise sectors where the Foundation believes a real impact can be made by establishing self-sustaining businesses, which focus on job creation.

Headquartered in London, the Foundation has an operational Head Office in Nairobi, Kenya with country offices in Ethiopia (Addis Ababa and Assosa), Somaliland (Hargeisa) and Rwanda (Kigali) with further expansion plans in East Africa.

The Pharo Foundation Technical and Vocational Education and Training (TVET) is designed to prepare young people for the world of work and provides the tools for sustainable development. The program encompasses education, training and skills development relating to a wide range of occupational fields, production, services and livelihoods. It is intended to inspire young people identify and explore their potential and contribute to national development and to bridge the gap between employability and technical skills among young people in Somaliland.

Position Summary

Job Title: Land Surveying Programme Instructor
Reports to: Vocational Training Officer
Job Location: Hargeisa, Somaliland
Contract: Fixed term (12 months)

Functional Relationships:

Real Estate and Construction Development Manager and Head of Education Somaliland

Key Duties and Responsibilities:

- Lecture on surveying and other subjects on the surveying programme.
- Develop innovative teaching and learning materials.
- Supervise and mentor students.
- Assist with departmental administration.
- Prepare curriculum and programme development.
- Assessment and academic development.
- Perform academic administrative duties
- Quality assurance
- Development of course material
- Assess student progress and provide appropriate and timely feedback.
- Maintain good order and discipline among trainees.
- Safeguard the health and safety of all trainees and staff.

Qualification Requirements:

- Bachelor Degree in Land Surveying/Cartography or equivalent, relevant to teaching surveying and other surveying subjects.
- At least 3 years relevant teaching experience in higher education and/or 3 years' industrial experience in the Surveying/Cartography industry.
- Substantial professional experience relevant to engineering surveying.
- Registration with international recognised bodies relevant to the field.
- Experience in modern fundamental surveying instruments (chains, levels, Theodolite, total stations, data collection etc.), along with their adjustments and accuracy's through field work.
- Advanced skills in reading, interpreting and drawing topographic maps drawn in CAD with topographic data, contouring, alignments and profiles. CAD drawing creation using "data controllers" for collecting the data using "feature codes", "figures and lines" and "description keys".
- Advanced survey techniques using GNSS, robotic total station, and scanning technologies. Field labs will emphasize fundamentals in point collections, point collection with offsets, continuous point collections, point & line stakeouts along with .dxf and DTM file stakeouts. Additional techniques in topographic mapping with codes, OPUS control, robotic levelling, measuring rounds.
- Knowledge and understanding of the latest technology and developments in the fields of surveying such as AutoCad 3D, GPS, GIS etc.
- Knowledge of continuous evaluation and integrated assessment

Behavioural Competencies:

- Ability to work independently and as part of a team
- Take initiative and accountability.
- Proficiency in English (written and spoken)
- Good communication and presentation skills
- Knowledge of continuous evaluation and integrated assessment
- High level of professionalism, work ethics and integrity.
- Strong learner focus
- Ability to adapt to different environment.
- Excellent interpersonal skills
- Effective management of time and timely compliance with appropriate administrative requirements.
- Aptitude for continuous learning.
- Proven record of excellent coaching and mentoring skills.

Application Procedure

Review of applications will begin as soon as they are received, and only **complete** applications will be considered. In the event that an outstanding applicant is identified early in the search process, we reserve the right to appoint before the deadline. For this reason, we encourage interested candidates to apply at the earliest possible time.

Due to the high volume of applications, we regret that we will only be able to contact short-listed candidates.

Interested candidates, who meet the above requirements, should submit their application including information listed below through email to Recruiting.SL@pharofoundation.org with subject line “**Land Surveying Programme Instructor.**”

1. A detailed CV and Cover letter to explain the experience you have gained that makes you the most qualified candidate for the role (maximum 1,000 words)
2. A comprehensive training and lesson plan, outlining the course content, objective, training materials and equipment to be used.
3. Copy of your academic qualification
4. A list of minimum four references with current email address and phone number.
5. State on your application where you saw the advert for this position.