

The University of KwaZulu-Natal (UKZN) is committed to meeting the objectives of Employment Equity to improve representivity with the Institution. Preference will be given to applicants from designated groups in accordance with our Employment Equity Plan.

COLLEGE OF AGRICULTURE, ENGINEERING AND SCIENCE

**PRINCIPAL TECHNICIAN (X-RAY)
(PEROMNES GRADE 8)
SCHOOL OF CHEMISTRY AND PHYSICS
WESTVILLE CAMPUS**

REF NO. CP01/2017

This is a developmental post and progression by the successful appointee to a higher level will be dependent on fulfilling set objectives within specified timelines, in line with a Development Plan which will commence upon assumption of duty.

Ultimately, the incumbent will operate and carry out first-line maintenance of X-ray equipment. S/he will troubleshoot and problem solve at a high level. This will include software, equipment operation, interfacing problems and remote control of instruments. S/he will collect and analyse data and have the ability to produce publication-quality X-ray structure solutions. The incumbent will provide a service for departments within the University, industry and tertiary institutions.

The incumbent will be based on the Westville campus, but s/he will travel to and work at the Pietermaritzburg campus as required.

The incumbent will report to the Manager: Technical Operations, Durban Centre.

Minimum Requirements:

- Honours degree in Chemistry.
- 4 years' experience with using a range of advanced scientific instruments and their software interfaces appropriate to the field (chemistry or physics), some of which must include "hands-on" working experience with single crystal X-ray diffractometers – such experience is inclusive of experiential training gained during postgraduate studies.
- A valid vehicle driver's licence.

Short-listed candidates may be required to undertake a skills test.

Appointment to this post will be on the January 2012 Conditions of Service, where applicable.

The total remuneration package offered includes benefits.

The closing date for receipt of applications is 5 May 2017.

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