



CHIEF TECHNICAL OFFICER

(Permanent)

Department of Electrical Engineering Faculty of Engineering & the Built Environment

The Department of Electrical Engineering enjoys an international reputation for its activities in the fields of Control Engineering, Computational Electronics, Image Processing and Vision Systems, Instrumentation, Machines and Power Electronics, Nuclear Power, Power Engineering, Remote Sensing and Radar, Robotics, Telecommunications and Space Technology.

The Department is seeking to appoint a permanent full-time Chief Technical Officer responsible for the operation of the Machines, Drives and Power Laboratories.

Requirements:

- A BSc (Eng) or BTech in Electrical Engineering
- 5 years' relevant experience in Electrical Machines, Drives and Power Electronics
- Proficient in the use of electrical measurement and test equipment
- Knowledge of Occupational Health and Safety Act (OHSAct)

Advantageous:

- Previous mentoring of students or subordinates would be advantageous
- Experience in maintaining a laboratory, workshop, equipment and tools
- Previous work in a research and teaching environment

Responsibilities:

The successful candidate will be expected to:

- Fully maintain and manage the laboratory equipment and its associated infrastructure
- Offer technical advice, guidance and troubleshooting approaches to students and staff on technical matters pertaining to Electrical Machines, Drives and Power Electronics
- Setup and oversee all undergraduate experimental sessions in the Machines and Power Laboratories
- Assist with setup and supervision of the experimental work relating to the following projects in the Machines and Power Laboratories: postgraduate, final-year undergraduate and contract research projects
- Assist with the development of new measurement and test facilities for the Machines and Power Laboratories
- Line Manager and supervisor to Technical Officer of Power Lab and Workshop
- Line Manager and supervisor to Graduate Intern Technicians and in-service Trainee Technicians
- Ensure compliance of Machines and Power Laboratories and Workshop with Occupational Health and Safety Act

The 2017 annual cost of employment, including benefits, is between **R420 032** and **R494 154** per annum.

To apply, please e-mail the below documents in a **single pdf file** to Ms Abigail Dixon at recruitment03@uct.ac.za:

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter, and
- Curriculum Vitae (CV)

Please ensure the title and reference number are indicated in the subject line.

An application which does not comply with the above requirements will be regarded as incomplete. Only shortlisted candidates will be contacted and may be required to undergo competency assessments.

Please note that the appointable candidate will be required to undergo a pre-placement medical test.

Telephone: 021 650 1673

Website: www.ebe.uct.ac.za

Reference number: E17270

Closing date: 1 February 2018

UCT is committed to the pursuit of excellence, diversity and redress in achieving its equity targets. Our Employment Equity Policy is available at <http://www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf>

UCT reserves the right not to appoint.