



TECHNICAL ASSISTANT (PC 6) CATALYSIS INSTITUTE

DEPARTMENT OF CHEMICAL ENGINEERING FACULTY OF ENGINEERING AND THE BUILT ENVIRONMENT

Applications from suitably qualified and experienced persons are invited for the above post, effective immediately. This is a full-time contract post of three year's duration.

The incumbent must be a mature, energetic, motivated, strongly disciplined individual, comfortable in a technology development environment, who can assemble and test membrane electrode assemblies (MEA) at HySA/Catalysis.

Requirements:

- A minimum of a N.Dip in Chemical, Electrical or Mechanical Engineering or related discipline.
- A minimum of one years' work experience in MEA fabrication and testing.
- Proven experience in a technology development environment.

Responsibilities:

- Preparation of membrane electrode assemblies (MEA) for research staff according to provided specifications.
- Perform MEA in-situ fuel cell characterization activities namely cell assembly, fuel cell diagnostic measurements and post data processing.
- Basic maintenance of MEA preparation equipment used for gasketing, lamination and final assembly.
- Provide technical assistance to interns, undergraduate and MSc students in the MEA projects space
- Basic stock keeping of MEA fabrication materials
- Writing reports on completed MEA evaluation and data logging.

The annual remuneration package, including benefits, is between **R192 251 and R226 177** commensurate with qualifications and experience.

To apply, please e-mail the below documents in a **single pdf file** to Ms Lee-Anne Kallam at Lee-Anne.Kallam@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 a competency test.

Telephone: 021 650 5764

Website: www.hr.uct.ac.za

Reference number: E80110

Closing date: 26 January 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.