



# LECTURER/SENIOR LECTURER ELECTRO-MECHANICAL ENGINEERING

**DEPARTMENT OF MECHANICAL ENGINEERING  
FACULTY OF ENGINEERING & THE BUILT ENVIRONMENT**

The University of Cape Town is in the top rank of Universities in South Africa, and the Department of Mechanical Engineering endeavours to contribute to this reputation. This is achieved both through world class research in niche areas (e.g. *structural impact and materials engineering, computational mechanics and fluid dynamics, electro-mechanical control systems, energy studies, engineering education, among others*), and is also complemented by excellent teaching based on sound pedagogical principles, focussed particularly around design and the design philosophy. The Department is well established with international accreditation, and historically has produced some of the country's most competent mechanical engineers.

The Department now requires a dynamic and suitably qualified person to teach and undertake research in the field of Electro-mechanical engineering. Candidates with appropriate knowledge of electro-mechanical engineering or mechatronics are invited to apply for this position.

## Requirements:

- A BSc(Eng) in Mechanical or Electro-Mechanical Engineering or Mechatronics or Electrical/Electronic Engineering.
- An MSc in Electro-Mechanical Engineering, Mechatronics, Electrical/Electronic Engineering, with analogue electronics, embedded systems and control systems as part of the qualification.
- At least 2 years practical knowledge of analogue electronics and embedded systems, either in academia or industry.
- Compliance with criteria for registration as a Professional Engineer.

## Demonstrated qualities that would inform the level of appointment:

- A PhD and/or research track record that demonstrates productivity as well as creativity.
- Teaching experience in the field of Electro-Mechanical engineering or similar activity.
- Supervision of undergraduate projects and postgraduate dissertations.
- Contribution to curriculum development.
- Links with industry as well as the solicitation of funding for research.

The successful candidate will be expected to contribute significantly to excellence in undergraduate teaching and to research. In addition to teaching and their own research, the appointee will be expected to supervise student research, obtain funding for research programmes, publish in appropriate journals and participate in administration.

The annual remuneration packages (Cost of Employment) for 2015, including benefits at the respective levels are as follows:

- **Senior Lecturer:** R 649 534
- **Lecturer :** R 528 275

Further information on the Faculty's guidelines for academic ranks is available on request.

**To apply**, please e-mail the below documents in a **single pdf file** to Ms Melanie Falken at [recruitment03@uct.ac.za](mailto:recruitment03@uct.ac.za):

- UCT Application Form (download at <http://web.uct.ac.za/depts/sapweb/forms/hr201.doc>)
- Motivation 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.

**Telephone:** 021 650 5764  
**Reference number:** E15167

**Website:** [www.ebe.uct.ac.za](http://www.ebe.uct.ac.za)  
**Closing date:** 28 September 2015

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.