



## LECTURER: MECHANICAL OR MECHATRONIC ENGINEERING

(2-Year Contract Position)

**Department of Mechanical Engineering**

**Faculty of Engineering & the Built Environment (EBE)**

The University of Cape Town is in the top rank of universities in South Africa, and the Department of Mechanical Engineering endeavors to contribute to this reputation. This is achieved through both excellent teaching based on sound pedagogical principles, and world class research in niche areas (*e.g. structural impact and materials engineering, computational mechanics and fluid dynamics, energy studies, engineering education, among others*). 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 undertake research and teaching in fields that contribute to its existing Mechanical Engineering/Mechanical and Mechatronic Engineering degree programmes.

### Minimum requirements:

- A BSc (Eng)/BEng/BSc(hons) in Mechanical/Mechatronic Engineering or related subject.
- A Masters or PhD in an Engineering or closely related field.
- Ability and interest to teach at undergraduate and postgraduate level.
- Experience in an academic role (tutor/teaching assistant or similar).

### The following would be considered an advantage:

- If the candidate does not possess a PhD, evidence of progress towards obtaining a PhD would be an advantage.
- Teaching and/or co-supervision experience in Mechanical and/or Mechatronic engineering.
- Record of research publications such as peer-reviewed conference papers and journal papers
- Knowledge of any of the following: engineering drawing, machine design, control systems, numerical analysis, biomedical engineering and robotics.
- Relevant industrial work experience.
- Proficiency with computational analysis tools.

### Responsibilities include:

- Teaching and developing courses in the department.
- Co-supervising/supervising undergraduate project and postgraduate students.
- Participation in an active research programme.
- Contribution to administration in the department and faculty.

The 2018 annual remuneration package including benefits at Lecturer level is R639 848.

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

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Cover letter explaining your interest and suitability for the position
- Curriculum Vitae (CV)
- A one-page summary of your teaching philosophy
- A one-page summary of your research interests

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 assessments.

**Telephone:** 021 650 1673

**Website:** [www.ebe.uct.ac.za](http://www.ebe.uct.ac.za)

**Reference number:** E18435

**Closing date:** 25 January 2019

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>. For this post we seek particularly to attract black South African (*i.e. African, Coloured and Indian*) candidates.

UCT reserves the right not to appoint.