



SENIOR LECTURER / LECTURER: TRANSPORTATION ENGINEERING (5-Year Fixed Term Contract)

Department of Civil Engineering Faculty of Engineering and the Built Environment

The Department of Civil Engineering within the Faculty of Engineering and the Built Environment at the University of Cape Town has an international reputation for excellence in teaching and research in all major fields of civil engineering, including structural engineering, construction materials, geotechnical engineering, hydraulic engineering, water quality engineering, urban water management, engineering education and transportation engineering.

Applications are invited for a 5-year contract academic position in the field of Transportation Engineering. The Department is looking to strengthen its expertise in data analytics, particularly with respect to big data, machine learning, modelling, optimisation, and evaluation. We are looking for an ambitious and motivated candidate to contribute to our transportation engineering and planning research and teaching activities, in the fields of smart mobility, travel behaviour, transport planning, public transportation, road safety, and transport inclusion.

Requirements for the **Lecturer** position:

- At the time of appointment, the candidate must hold a PhD (or have a PhD thesis under examination) with a focus on one or more of the research fields identified above
- Expertise in data analytics, in one or more of the analytical methods identified above
- Registrable with the Engineering Council of South Africa,
- Experience in teaching or tutoring a transportation engineering or planning course

Advantages for the **Lecturer** position:

- Proven ability to publish research findings in (peer-reviewed) conferences or journals
- Postgraduate student supervision experience

Requirements for the **Senior Lecturer** position:

- At the time of appointment, the candidate must hold a PhD with a focus on one or more of the research fields identified above
- Expertise in big data analysis, and in one or more of the other analytical methods identified above
- Proven ability to publish research findings in (peer-reviewed) conferences or journals
- Registrable with the Engineering Council of South Africa
- Experience in teaching a transportation engineering or planning course
- Postgraduate student supervision experience

Advantages for the **Senior Lecturer** position:

- Established (peer-reviewed) publication record (i.e., proven ability as a researcher capable of attracting funds and publishing results; independent research profile that intersects with the Centre for Transport Studies),
- Course convening experience
- Professional registration

For further information about the position, please contact the Head of Department, Professor Pilate Moyo via email at pilate.moyo@uct.ac.za.

The annual cost of employment, including benefits, at the respective levels are as follow:

- **Lecturer - R805 385**
- **Senior Lecturer – R968 905**

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>);
- A letter of motivation; and
- Curriculum Vitae (CV).

Please ensure the title and reference number are indicated in the subject line. Please indicate which position level you are applying for.

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.

Telephone: 021 650 1673
Reference number: E220422

Website: www.civil.uct.ac.za
Closing date: 13 January 2023

"UCT is a designated employer and is committed to the pursuit of excellence, diversity, and redress in achieving its equity targets in accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets. Preference will be given to candidates from the under-represented designated groups. Our Employment Equity Policy is available at www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf."

UCT reserves the right not to appoint.