



Central University of
Technology, Free State

JOIN THE TEAM

Ubuntu

Integrity

Diversity

Innovation

Excellence

Junior Lecturer/Lecturer: Civil Engineering

ENGINEERING, BUILT ENVIRONMENT AND INFORMATION TECHNOLOGY |

Civil Engineering | Ref 1779



Bloemfontein Campus



About the
position

Main purpose of the job

To develop academic material and lecture in allocated subjects for own and other programmes and to execute appropriate community projects.

Main tasks

- | | |
|--------------------------------------|--|
| 1. Teaching, learning and assessment | 2. Research |
| 3. Community engagement | 4. Work-integrated learning |
| 5. Administration | 6. External projects and third-stream income |

Subject field(s)

Structural Engineering



About the
appointment

Nature of appointment

Permanent Academic

Minimum salary scale (Total Cost to Company)

R 489 608 (Junior Lecturer)

R 654 176 (Lecturer)

Salary Scales for 2023 to be determined

Note: CUT applies an internal parity model to determine remuneration that complies with the principle of "equal pay for work of equal value". Accordingly, the preferred candidate may expect an offer that is in line with their qualifications and years of similar experience. Please contact the Recruitment office for more information on the applicable salary scale.



What are we
looking for?

Minimum Qualification/ Knowledge and/or Experience

To be appointed as **Junior Lecturer:**

- A relevant Bachelor's-level degree (i.e., B Tech/NQF 7 or B Eng./B Eng. Tech Hons/NQF 8 or equivalent) in Civil Engineering.
- Registration as a Professional Engineering Technologist with ECSA (in case of NQF 7) or Candidate Engineering Technologist/Engineer with ECSA (in case of NQF 8).
- At least two years' teaching/lecturing/industry experience relevant to Structural Engineering.
- **Demonstrated knowledge, proficiency, application and practical experience of:**
 - Reinforced concrete design at both a broadly-defined and complex level.
 - Structural steel design at both a broadly-defined and complex level.
 - Finite element design applications.
 - Construction supervision and project management within the structural engineering domain.
 - Software applications related to structural engineering, e.g., Microsoft Excel (advanced/macro development), AutoDesk (Civil-3D & AutoCAD), Prokon, Revit Structures, and Building Information Modelling (BIM).
 - Design codes: SANS 10400 – Building Regulations; SANS 10100 – Concrete Design; SANS 10160 – Structural Design Loads; SANS 10162 – Structural Steel; SANS 10163 – Timber Design; SANS 10164 – Masonry; and SANS 2001 – Construction Works.

To be appointed as **Lecturer:**

- A relevant Master's-level degree (i.e., M Tech/M Eng./NQF 9 or equivalent) in Civil Engineering.
- Registration as a Candidate Engineering Technologist/Engineer with ECSA.
- At least two years' teaching/lecturing/industry experience relevant to Structural Engineering.



What are we looking for?

	<p>To be appointed as <u>Lecturer (continued)</u></p> <ul style="list-style-type: none">• Demonstrated knowledge, proficiency, application and/or practical experience of:<ul style="list-style-type: none">○ Reinforced concrete design at both a broadly-defined and complex level.○ Structural steel design at both a broadly-defined and complex level.○ Finite element design applications.○ Construction supervision and project management within the structural engineering domain.○ Software applications related to structural engineering, e.g., Microsoft Excel (advanced/macro development), AutoDesk (Civil-3D & AutoCAD), Prokon, Revit Structures, and Building Information Modelling (BIM).○ Design codes: SANS 10400 – Building Regulations; SANS 10100 – Concrete Design; SANS 10160 – Structural Design Loads; SANS 10162 – Structural Steel; SANS 10163 – Timber Design; SANS 10164 – Masonry; and SANS 2001 – Construction Works.
Desired Qualification, Knowledge and/or Experience	<p>To be appointed as <u>Junior Lecturer:</u></p> <ul style="list-style-type: none">• Evidence of progress towards a Master's degree in Civil Engineering.• Registration as a Professional Engineering Technologist/Engineer with ECSA (in case of NQF 8; to be registered within 2 years). <p>To be appointed as <u>Lecturer:</u></p> <ul style="list-style-type: none">• Evidence of progress towards a Doctoral degree in Civil Engineering.• Registration as a Professional Engineering Technologist/Engineer with ECSA or to be registered within 2 years.• Evidence of experience in research and associated outputs.



Interested?

Job-Related Enquiries	Prof OJ Gericke	✉ jgericke@cut.ac.za
Remuneration, Benefits and Process Enquiries	Recruitment Office	✉ jobs@cut.ac.za
To find out more or to apply, visit www.cut.ac.za/careers or https://cut.simplify.hr/		

CLOSING DATE FOR APPLICATIONS – 3 March 2023

THINKING BEYOND