



Tshwane University
of Technology

We empower people

VACANCY BULLETIN

PERMANENT: Lecturer Polymer (OFO 231101)
Faculty of Engineering and the Built Environment
Chemical, Metallurgical and Materials Engineering
Pretoria Campus
Ref: 25/A08b2

The Department of Chemical, Metallurgical and Materials Engineering (Polymer Technology Division) requires the service of a permanent Lecturer specializing in *Plastics Parts and Tool Design* at the Pretoria Campus.

INSTRUCTIONS: Applicants are required to submit together with the CVs, academic records, a standardized application form available from the university intranet as well as recently certified copies of qualifications and Identity Document. Failure to comply with this instruction will disqualify the candidate. Further note that candidates may be expected to make a presentation or undergo competency testing.

Critical performance areas

- Play a role in quality teaching and learning with technology in the domain of Plastics Parts & Tool Design, Plastics Design Project and at least one other BEng Tech module from the prescribed curriculum, per time table.
- Experience with the BEng Tech Polymer Technology curriculum, and the development and assessment of GAs.
- Academic/research outputs in accredited journals and peer-reviewed conferences.
- Experience with regards to management of academic matters, quality of programs, student affairs and research projects.
- Lead and participate actively in subject and curriculum committees.
- Participating in departmental meetings.
- Responsible for administrative task related to teaching and learning.
- Responsible and play a prominent role in the compiling and maintenance of quality study guides, laboratory guides, subject files and other Teaching and Learning with technology materials. Roles also includes mentorship, quality audits, constant revision, and update of materials in line with industry norms and engineering council regulations.
- Participate in and lead departmental, faculty and institutional initiatives in collaboration with Technology Stations, Centres, Institutes and Research Niche Areas.
- Liaise with industry on course and subject levels regarding curricula, visits, research and other interactions.
- Responsible for independent research and innovation projects and associated funding.
- Involvement with Community engagement.

MINIMUM REQUIREMENTS

1. Academic Qualifications:

- A Master's degree in Polymer Technology, Materials Science and Engineering or Mechanical Engineering.
- Undergraduate degree in Polymers, Material science or Mechanical Engineering.

Women and people with disabilities are encouraged to apply.





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2. Experience:

- 3 years relevant teaching experience and/or 3 years industry experience.
- Experience in Plastics Parts and Tool Design, plastics product and tool design, supported by relevant certification (SOLIDWORKS Essentials, SOLIDWORKS Advanced Part Modelling, and SOLIDWORKS Surface Modelling).

3. Knowledge and skills

- Resourceful in areas of Plastics Design will be an advantage.
- Proficiency in online teaching and learning platforms.
- Ability to perform research, teaching, and administration simultaneously.
- Experience with ECSA Graduate Attributes (GAs)

4. Registration with professional body:

- Registration with a Professional Body will be an advantage.

Please send your CV to Recruitment10@tut.ac.za

Enquiries: Dr Lucey Mavhungu

Email: MavhunguL@tut.ac.za

Tel: 012 382 5460

Closing Date: 21 August 2026

If we have not responded within a month of the closing date, you should regard your application as unsuccessful. Correspondence will be entered into only with short-listed candidates. Candidates may be required to undergo psychometric tests and any other simulation interventions. People with disabilities are encouraged to apply. Preference will be given to African Males or African Females and the University reserves the right, in its sole discretion, not to make an appointment.

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