

DIVISION: FACULTY OF HUMAN
SCIENCES

DEPARTMENT: EDUCATION

POST: SENIOR LECTURER-
MATHEMATICS EDUCATION X1

POST N^o: 8554
PEROMNES GRADE: 7

JOB DESCRIPTION:

Key performance areas include but are not limited to:

- Teaching and Learning: Deliver engaging and effective lectures, seminars, and workshops at both undergraduate and postgraduate levels. Develop and implement innovative teaching strategies and assessment methods. Foster a supportive and inclusive learning environment that encourages student participation and success.
- Curriculum Development: Design and revise course materials and curricula to reflect current trends and best practices in education. Collaborate with colleagues to enhance program offerings and ensure alignment with institutional goals.
- Research and Scholarship: Conduct original research in the field of education, leading to publications in reputable peer-reviewed journals. Seek external funding and grants to support research initiatives. Present research findings at academic conferences and engage with the broader educational community.
- Supervision and Mentorship: Supervise and mentor undergraduate and postgraduate students in their academic and research pursuits. Provide guidance and support to junior faculty and staff within the department.
- Service and Leadership: Participate in departmental and university committees, contributing to academic governance and policy development.
- Engage in community outreach and partnerships that enhance the reputation and impact of the department.
- Professional Development: Stay current with developments in the field of education and engage in continuous professional development. Contribute to the academic community through participation in workshops, seminars, and professional organisations.
- Internal process: Conduct ad-hoc duties as assigned by the line manager.

APPLICATION CRITERIA:

Qualifications and Experience:

- PhD in any field of Mathematics plus at least a qualification in Education; OR PhD in Mathematics Education; OR PhD in Education plus specialisation in Mathematics at NQF level 7.
- A minimum of 5 years of teaching experience at a higher education level and a proven track record of effective teaching in undergraduate and postgraduate programs.
- Experience in successfully supervising graduate students' research projects and theses. Strong understanding of pedagogical methods in Mathematics.
- A strong record of research and scholarly publications in reputable peer-reviewed journals/conferences (a must).
- Evidence of successful grant applications or research funding (added advantage)
- Further appropriate qualifications in the field of study, higher education and research training are strongly recommended.
- Experience in developing and implementing innovative curricula and assessment methods (added advantage).
- Active participation in academic governance, committees, industry and/or community activities, and professional organisations.
- Industry experience in mathematics (added advantage).
- Experience in developing and implementing innovative curricula and assessment methods (added advantage).
- Ability to integrate technology into teaching (e.g., 3D printing, IoT, AI).

Skills:

- Ability to integrate hands-on practical training with theoretical instruction.
- Ability to collaborate with colleagues and contribute to departmental initiatives.
- Commitment to diversity, equity, and inclusion in higher education.
- Strong communication and interpersonal skills; Ability to work collaboratively in a team-oriented environment; Commitment to diversity, equity, and inclusion in education.
- Excellent communication (written and verbal), organisational, interpersonal skills and planning skills.
- Commitment to sustainability and innovative practices in higher education.

CLOSING DATE FOR APPLICATIONS: 10 July 2026

Application requirements:

1. A fully completed prescribed application form which can be obtained from www.vut.ac.za
2. A detailed curriculum vitae (explicitly stating relevant experience or knowledge in the fields mentioned above)

3. Certified copies of all certificates or degrees
4. A certified copy of your South African identity document
5. Current contact details of referees
6. Applications must be emailed to recruitment3@vut.ac.za. Please quote the post reference and post description in the subject line.
Enquiries can be directed to Ms Angie Mabona at 016 950 9452/angie@vut.ac.za
7. No manual applications will be accepted. Incomplete applications, or applications submitted without the application form and required supporting documents, will be disregarded.
8. Only applications submitted using the official VUT application for employment form will be considered.
9. Correspondence will only be entered into with shortlisted candidates. If you do not hear from VUT within 3 months of the closing date, please regard your application as unsuccessful.

Please Note

- **By submitting your application, you consent to VUT verifying your qualifications and sharing your personal information with the selection panel and other authorised persons involved in the recruitment process. Candidates with foreign qualifications must submit a South African Qualifications Authority (SAQA) certificate of evaluation. VUT is an equal opportunity and affirmative action employer. In compliance with the Employment Equity Act No. 55 of 1998 (as amended), and in line with its Employment Equity Plan and Recruitment Policy, preference will be given to suitably qualified candidates from designated groups, specifically Africans, Coloureds, Indians, women, and persons with disabilities.**
- **VUT reserves the right not to make an appointment**
- **By applying for this position, you give permission to share your information with the selection panel or the relevant people involved in the recruitment.**

