VAAL UNIVERSITY OF TECHNOLOGY
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INTERNAL & EXTERNAL VACANCY
(re-advert)

DIVISION:	DVC: Teaching and Learning
DEPARTMENT:	Education
POST:	Lecturer (Mathematics)
POST NUMBER:	8566, 8568
PEROMNES GRADE:	8

JOB DESCRIPTION & KEY PERFORMANCE AREAS

JOB SUMMARY

The Education Lecturer will be responsible for delivering high-quality instruction, fostering student engagement, and contributing to curriculum development in mathematics education. The role involves theoretical and practical teaching, research, and professional development to enhance learning outcomes.

Key performance areas include but are not limited to:

- Deliver lectures, tutorials, and practical demonstrations in education.
- Develop and implement innovative teaching strategies and assessment methods. Foster a supportive and inclusive learning environment that encourages student participation and success.
- Develop and update curriculum materials aligned with industry and academic standards. Collaborate with colleagues to enhance programme offerings and ensure alignment with institutional goals.
- Supervise laboratory sessions and ensure the safe use of electrical equipment.
- Assess student performance through assignments, exams, and practical assessments.
- Conduct research in mathematics technology education and contribute to academic 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.
- Supervise and mentor undergraduate and postgraduate students in their academic and research pursuits.
- Collaborate with industry partners to enhance programme relevance and professional opportunities.
- Participate in faculty meetings, accreditation processes, and quality assurance activities.
- 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 etc.
- Conduct ad-hoc duties as assigned by the line manager.

QUALIFICATIONS AND EXPERIENCE

Minimum Requirements

- Master's degree in Mathematics education
- Teaching experience in Further Education and Training (FET) phase or higher education institutions.
- Minimum of two years of teaching experience in mathematics at higher education institutions or schools.
- Strong understanding of curriculum development and pedagogical strategies for mathematics education.
- Knowledge of blended learning and technology-enhanced teaching methodologies.
- Excellent communication, organizational, and interpersonal skills.

ADDED ADVANTAGE

- Enrolled for a PhD qualification.
- Experience in supervising students' research projects/theses.
- Proven track record of research output and scholarly publications in reputable peer-reviewed journals/conferences.
- Industry experience in mathematics.
- Experience in developing and implementing innovative curricula and assessment methods.

SKILLS AND COMPETENCIES

- 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.
- Excellent communication(written and verbal), organisational, interpersonal skills and planning skills.
- Commitment to sustainability and innovative practices in higher education.

ADDITIONAL INFORMATION

- Strong understanding of pedagogical methods in Mathematics.
- Ability to integrate technology into teaching (e.g., 3D printing, IoT, AI).

APPLICATIONS SHOULD INCLUDE

- No manual applications will be accepted. Incomplete applications without the required supporting documents and credentials on the VUT - ERMS will be disregarded.
- Only applications made on the VUT - ERMS will be considered.
- Communication will be entered into with short-listed candidates and unsuccessful applicants will be notified on the VUT - ERMS platform.
- Certified copies of all certificates/degrees should be uploaded on your VUT - ERMS Job Seeker profile.

- Certified copy of ID should be uploaded on your VUT - ERMS Job Seeker profile.

HR CONTACT PERSON

HR Business Partner: Gerbrecht Susanna Nortje
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IMPORTANT NOTICE: RE-ADVERTISED POSITION

This position has been re-advertised. If you previously applied for this position under the original advertisement, you are required to submit a new application.

Previous applications will not be carried over automatically. To be considered, please ensure that you apply again on the VUT - ERMS platform before the closing date.

Please Note: Submission of such copies entitles the Vaal University of Technology to authenticate the qualifications without any further consent from the applicant. Candidates with foreign qualifications must submit a SAQC certificate of evaluation.

VUT is an equitable opportunity and affirmative action employer. In line with the spirit of the Employment Equity Act, preference for this position will be for Africans, Coloureds, as well as people with disabilities, in line with VUT Employment Equity Plan and Recruitment Policy.

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 process.

HOW TO APPLY

To apply for this position, please register or log into the VUT ERMS (https://erecruitment.vut.ac.za).

Closing Date for Applications:
19 November 2026

POSITIVE ABOUT PEOPLE WITH DISABILITIES