



DIVISION: FACULTY OF HUMAN
SCIENCES

DEPARTMENT: EDUCATION

POST: ELECTRICAL TECHNOLOGY
EDUCATION LECTURER

POST N°: 2311
PEROMNES GRADE: 8

JOB DESCRIPTION

JOB SUMMARY

The Electrical Technology Education Lecturer will be responsible for delivering high-quality instruction, fostering student engagement, and contributing to curriculum development in electrical technology 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 electrical technology.
- 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 electrical 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.

APPLICATION CRITERIA:

MINIMUM REQUIREMENTS:

- A relevant Master's in Electrical Technology education or a closely related field
- Teaching experience in Further Education and Training (FET) phase or higher education institutions.
- Strong understanding of curriculum development and pedagogical strategies for electrical technology education.
- Knowledge of blended learning and technology-enhanced teaching methodologies.
- Excellent communication, organizational, and interpersonal skills.

QUALIFICATION AND EXPERIENCE:

- Master's degree in Electrical Technology/Engineering with a qualification in education at NQF 7 OR Master's degree in education **with** a specialisation in Electrical Technology/Engineering
- Enrolled for a PhD qualification (added advantage).

- Minimum of **two** years of teaching experience in electrical technology at higher education institutions or schools.
- Strong understanding of pedagogical methods in Electrical Technology.
- Experience in supervising students' research projects/theses (added advantage).
- Proven track record of research output and scholarly publications in reputable peer-reviewed journals/conferences (added advantage).
- Industry experience in electrical engineering (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 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.

CLOSING DATE FOR APPLICATIONS: 24 June 2025
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Applications should include:

1. A fully completed prescribed application form which can be obtained from www.vut.ac.za
2. A detailed curriculum vitae (explicitly stating experience or knowledge in the above-mentioned fields)
3. Certified copies of all academic certificates/degrees
4. Certified copy of ID
5. Current contact information of referees
6. Please email applications to recruitment9@vut.ac.za and quote the post reference and post description in the subject line.
7. No manual applications will be accepted. Incomplete applications or applications without the application form and required documents will be disregarded. Certified documents should not be older than 3 months.
8. Only applications made on our application for employment form would be considered.
9. Communication will be entered into with short-listed candidates only. If you don't hear from VUT within 3 months deem your application as unsuccessful.

Enquiries may be directed to: Ms Angie Mabona

HR Practitioner: Tel 016 950 9452/ email address: angie@vut.ac.za

Please Note: Submission of such copies entitles Vaal University of Technology to authenticate the qualifications without any further consent from the applicant. Candidates with foreign qualifications must submit a SAQA certificate of evaluation. Vaal University of Technology is an equal opportunity and affirmative action employer, which is committed to the implementation of its employment equity plan. In complying with the Employment Equity Act no 55 of 1998 (as amended) the preference for this position **is African, followed by Coloureds and people with disabilities** which is in line with Employment Equity Plan and Recruitment policy.

People from designated groups are encouraged to apply. Only shortlisted candidates will be contacted.

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.

