

**DIVISION:** Faculty of Engineering and Technology

**DEPARTMENT:** Electrical Engineering

**POST:** Lecturer Computer Systems

**POST N°:** 8505

**PEROMNES GRADE:** 08

**JOB DESCRIPTION:**

**Key performance areas include but are not limited to:**

- Lecturing modules in the discipline, from Diploma to PGD level.
- Supervision of graduate and post-graduate research projects.
- Research productivity (such as journal articles, book chapters, and patents).
- Serve in various administrative committees in the Department.
- Contributing to curriculum development
- Contributing to quality assurance in the department and programmes such as ECSA.
- Creating and maintaining collaborative relationships with the industry.
- Willingness to undergo short courses for professional development (E.g. Cisco & Huawei)

**APPLICATION CRITERIA:**

**Qualifications:**

- Master of Engineering Electrical: Computer Systems / Master of Computer Systems Engineering (Lecturer)
- First degree must be Computer Systems Engineering (NQF Level 7)

**Experience:**

- A minimum of two (2) years of relevant experience after a Master's level in an institute of higher education, OR five (5) years of professional industrial experience (Lecturer).

**Skills:**

- Deep disciplinary expertise in IoT systems, Computer networks, Systems development, AI, and cybersecurity.
- Eligibility for ECSA registration (compulsory ECSA registration for foreign qualifications)
- Knowledge of computer clusters, parallel systems and HPC.
- Excellent communication (report-writing and verbal) skills.
- Expertise in Engineering Software Packages (e.g. MATLAB, Proteus).
- Competency in microcontroller project development and prototyping (ESP32, Arduino, Raspberry Pi etc).
- Expertise in C/C++ coding for embedded systems (Micro Python an advantage).
- Experience in software development (especially cloud-based applications).
- Good understanding of operating systems (Linux preferably)
- Good knowledge of Cloud & Virtualization technologies (IaaS, Containers, VMs, etc.)
- Good interpersonal skills (Collegiality, team player and time management).
- Problem-solving and critical thinking Skills.
- Understanding of ECSA Accreditation Requirements, Familiarity with Graduate Attributes (GAs), Programme Outcomes (POs), and the ECSA accreditation process for engineering qualifications, Curriculum and Assessment Literacy, Ability to interpret course outcomes, assessments, rubrics, moderation reports, and link them to ECSA's criteria.

**CLOSING DATE FOR APPLICATIONS: 25 June 2026**

**Application requirements:**

1. A fully completed prescribed application form which can be obtained from [www.vut.ac.za](http://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 [recruitment1@vut.ac.za](mailto:recruitment1@vut.ac.za). Please quote the post reference and post description in the subject line.
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 African, Coloured, Indian, women, and persons with disabilities.**
- **VUT reserves the right not to make an appointment**

