



# VACANCY BULLETIN

**LECTURER**  
**Department of Electrical Engineering**  
**Faculty of Engineering and the Built Environment**  
**Post level: 08**  
**Ref no: 26/O42B**

The Department of Electrical Engineering has a **full-time** Lecturer position in Electronics and Digital Systems at the Pretoria Campus.

**INSTRUCTIONS:** Applicants are required to submit, together with the CVs, a fully completed standardised application form available from the university's intranet, as well as recently certified copies of qualifications and Identity Document. Failure to comply with this instruction will disqualify the candidate. Candidates may be subjected to appropriate psychometric testing and other selection instruments.

**Key performance areas/Core functions:**

- To present student-centered lectures, learning, and assessments of students in related subjects.
- Be responsible for all general admin work related to the subjects, including curriculum review, updating study guides and lecturer materials on MyTUTor, and uploading assessment marks on ITS.
- To be an active participant in the research activities of the department in the field of Electronics and Digital Systems.
- Lead quality teaching and learning with technology.
- Participate in curriculum development and implementation committees and the development of quality graduate attributes for Electronics and Digital Systems.
- Responsible for and provide leadership in compiling and maintaining quality study guides, laboratory guides, subject files, and other Teaching and Learning materials.
- 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.

**Minimum Requirement**

**1. Academic qualifications:**

A relevant master's degree (NQF level 9) in Electrical Engineering with a strong background in Electronics and Digital Systems.

**2. Experience:**

- Three (3) years of relevant teaching experience in education and/or 3 year experience in industry.
- Experience in the supervision of students at Master's level will be an added advantage.
- A noteworthy contribution to academic/research outputs in accredited journals and peer-reviewed conferences.
- Teaching, research and/or relevant experience in industry would be a strong recommendation.
- Experience with regards to management of academic matters, quality of programs, student affairs and research projects.
- Experience in research and monitoring of postgraduate students is recommended.
- Supervisory experience in industry and/or academic fields will be an strong recommendation
- Industry liaison and involvement in Centres, Institutes and Technology Stations, will be an added advantage.



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- Industry liaison and involvement in the development of new curriculum will be an added advantage.

**3. The following Knowledge and Skills would be advantageous:**

- Passive and active components (resistors, capacitors, diodes, transistors, FETs), power supplies, small-signal amplifiers, signal analysis, circuit modeling, fault diagnosis.
- Number systems, logic gates, Boolean algebra, Karnaugh maps, combinational and sequential logic, adders, multiplexers, counters, registers, ADC/DAC, TTL/CMOS, basic PLDs, use of data sheets.
- PCB preparation, through-hole and surface-mount assembly, soldering, testing, inspection, cleaning, and packaging of electronic assemblies.
- Use of multimeters, oscilloscopes, power supplies; circuit testing; troubleshooting; supervising experiments.
- Ability to present technical concepts clearly, design and mark assessments, provide feedback, manage continuous assessments.
- Familiarity with simulation tools, schematics/PCB design, basic programming, and industry practice.

**4. Registration with a professional body (if applicable):**

Registration with ECSA in the appropriate professional category will be an advantage.

Send your CV to: [recruitment15@tut.ac.za](mailto:recruitment15@tut.ac.za)

(Please include recently certified copies of your certificate of qualification(s) and certificate of registration with the professional body with your application. Foreign qualifications must be accompanied by a certified SAQA evaluation certificate).

**Enquiries:** Prof JL Munda

Tel: 012 382 4820/4824

**Closing Date: 17 July 2026**

**NB: If we have not responded within a month from the closing date, you should regard your application as unsuccessful. Correspondence will only be entered into with short-listed candidates. The University reserves the right not to make an appointment. It is the intention of the University to promote representativity in respect of race, gender, and disability through the filling of this post.**

