

UNIVERSITY OF SOUTH AFRICA

DEPARTMENT: UNIVERSITY ESTATES
DIRECTORATE: PROJECT MANAGEMENT

CONTROLS AND INSTRUMENTATION ENGINEER
(P7) X 1 POSITION
TWO (2) YEAR FIXED TERM CONTRACT
(MUCKLENEUK CAMPUS)

(REF: UEPM/C&I_ENGINEER /P7/2024/NV)

To design, develop, install, manage and maintain equipment which is used to monitor and control engineering systems, machinery, and processes e.g. Building management system (BMS) and fire systems.

The role is for a fixed period of the specific project.

Minimum Requirements

- Valid Driver's License

Qualification(s):

- Minimum three (3) year post-matric qualification Electronic / Electrical Engineering (B.Tech., B.Sc. B.Eng.)
- Professionally registered with ECSA either Pr. Tech. or Pr. Eng.

Experience:

- Minimum of five (5) years relevant experience in the maintenance and installation of control system

Recommendation:

- Government Certificate of Competency (GCC) (Highly recommended)

Key Skills and Competencies:

- Creative problem-solving and troubleshooting skills
- Excellent critical thinking skills and a high level of numeracy
- Good communication and interpersonal skills
- Strong teamwork skills, with an ability to motivate others and to lead or manage teams and projects
- Flexibility and an ability to compromise
- Willingness to accept responsibility and make decisions
- High level of attention to detail
- Excellent customer care skills and good commercial awareness
- Understanding of, and ability to work with high-level computer technology.

Duties and Responsibilities:

- Designing and developing new control systems. The control should include water pumps and sewerage pumps.
- Testing, maintaining and modifying existing systems e.g. BMS
- Analysing data and presenting findings in written reports
- Managing operations
- Working collaboratively with other engineers, purchasers, and other internal staff
- Liaising with clients, suppliers, contractors and relevant authorities
- Project management within cost and time-constrained environments
- Understanding and ensuring compliance with relevant health and safety regulations and quality standards
- Providing advice and consultancy support on controls and instrumentation engineering standards
- Purchasing of instrumentation and control equipment
- Writing computer software and test procedures
- Developing new business proposals with regards to controls and instrumentation infrastructure

Assumption of duty: As soon as possible.
Salary: Remuneration is commensurate with the seniority of the position
Closing date: **07 October 2024**

Any change in conditions of service will only become operative after one calendar month's written notice and will be made in full compliance with the relevant provisions of the Labour Laws. A work-related test may be conducted

All applications should reach UNISA before 16H00 on the closing date.

Enquiries: Human Resources: Contract Appointments
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Mrs Nadia Van Vuren on (012) 429 2066 / vvuren@unisa.ac.za

University Estates: Project Management: netshrb@unisa.ac.za

- The advertisement can also be viewed on the Unisa website: <https://www.unisa.ac.za/vacancies>
- To apply please fill out the application form by clicking the link below and submit the documents listed below via email to: UESTATES@mylife.unisa.ac.za **(Certified within the previous three months):**
 - Certified identity document;
 - Curriculum vitae;
 - All educational qualifications certified;
 - Academic transcripts/records;
 - Proof of SAQA verification of foreign qualifications (if applicable)
 - **Application Form:** <https://forms.office.com/r/HQkHvCG2wT?origin=IprLink>
- Unisa reserves the right to authenticate all qualifications without any further consent from the applicant
- The contact details of three contactable references must be provided, one of which must be from your present employer excluding your current line manager if you are an internal Unisa applicant
- Unisa is not obliged to fill an advertised position
- Late, incomplete and incorrect applications will not be considered
- Appointments will be made in accordance with Unisa's Employment Equity Plan

We welcome applications from persons with Disabilities



Correspondence will be limited to short-listed candidates only. If you have not been contacted within two months after the closing date of this advertisement, please accept that your application was unsuccessful.