

Durban University of Technology (DUT) is located on the warm east coast of South Africa. It sprawls over seven (7) campuses in tropical and picturesque Durban, and in Pietermaritzburg, with its undulating hills that flow over from the Drakensberg Mountain.

According to our *ENVISION2030* strategy, DUT's DNA has two strands, namely '*people-centred and engaged*' and '*innovative and entrepreneurial*'. These are interwoven intrinsically by a number of double pairs consisting of '*values and principles*' that bind our double-helix together. The extrinsic expression of our DNA is via *The DUT-Way*; which demonstrates our collective character and behaviour.

The University's ultimate goal is to contribute towards improving the lives and livelihoods of all its people, both internal and external. DUT consistently strives towards excellence and greatness in teaching-learning and in research-innovation; something that has been recognized recently when *The Times Higher Education's World University Rankings* placed DUT within the top 500 of universities in the world and within the top 5 universities in South Africa. The enactment of these internationally recognized strengths is demonstrated in our impactful engagement internally and externally in service of our localities, the region and the country at large.

ICTS: Information Systems Development

Post: Systems Analyst X2 (Ref: C547; C553)

Minimum Requirements:

- 3 year National Diploma / Bachelor's Degree in an ICT related field (Computer Science, Information Systems, Technology and Engineering).
- 5 years' experience in the ICT field, including IT Governance, systems development, implementation and maintenance/enhancements of solutions operational responsibility in a corporate/public sector organisation.
- 2 years' experience in an SAP/Oracle environment
- Experience in solution analysis and design.
- Experience in developing software.
- Experience in data modelling.
- Experience in software component integration.

Key Responsibilities:

- Understand Concept of Operations, Business Service Specifications, Application Service Specifications and Technical Service Specifications.
- Decompose Application Service Specifications into IT software analysis and design work packages.
- Participate in compiling software analysis and design work plan.
- Participate in compiling software analyse and design work packages.
- Analyse received business needs to determine an appropriate solution/functionality
- Liaise with the relevant role players to determine the exact needs and to compile a first draft URS/Specification

- Understand Concept of Operations and Business Service Specifications.
- Determine the scope of the technical solution and identify components (TRM).
- Model artefacts (Use Case, Logical Service Class, Logical Entity Class, Logical Entity Relationship Diagram (ERD)) for integrated software components.
- Ensure traceability between Applications Service Specification and requirement
- Participate in compiling RFB / RFI / SOW from a Technical Service Specification perspective.
- Compile Technical Service Specifications evaluation criteria
- Conduct technical evaluation according to evaluation criteria
- Compile evaluation recommendations report and Lessons Learnt report
- Present evaluation results to DUT Supply Chain Management governance structures
- Analyse test scenarios and test cases.
- Review Test Strategy / Plan – to define e.g. the scope, approach, resources and schedule for the test.
- Conduct Functional Testing.
- Participate in testing (Software Integration Testing, System Integration Testing, User Acceptance Testing, Implementation Acceptance Testing and Beta Testing).
- Review Test Summary Report.
- Quality reviewed and recommended Test artefacts.

Salary: Market related

Contact Person: Miss. BZ Ngcobo

Email Address: HCSRecruitment@dut.ac.za

Status of Position: Permanent

Please complete an **official application for employment form** and send a **detailed CV**, **copies of ID, qualifications** and a **covering letter** with the **exact name of the post you are applying for** to: HCSRecruitment@dut.ac.za

Kindly note:

Communication will be entered into with short-listed candidates only. Only applications made on our application for employment form would be considered.

Closing date: 10 November 2023 @ 16:00

“While DUT strives for equal opportunities, preference will be given to suitable candidates in terms of the University’s equity policy” The University reserves the right NOT to make an appointment.