



SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY
DEPARTMENT OF SKILLS CENTRE
CLINICAL TRAINING GRANT (CTG)

Sefako Makgatho Health Sciences University (SMU) is on a renewal path with exciting and unique opportunities to shape the training of medical and other health professionals, and scientists in general. We are on a vigorous campaign to attract top talent to join our exciting journey, as reflected in the opportunity below:

Technical Officer (1 post)
(5-year Fixed Term Contract)
Ref: 24/2026/MJM/P9

The incumbent will be responsible for providing technical support to all simulation operations, including, but not limited to maintenance and repair of computerized manikins (software and hardware), as well as IT infrastructure. He/she will report to the Director: Skills Centre and will furthermore meet the requirements and competencies as indicated and be responsible for the key performance areas listed below.

REQUIREMENTS

- A three (3) year National Diploma in Computer Science or Information Technology
- A Degree in Computer Science or Information Technology will serve as an added advantage
- Three (3) years' experience in hardware and software systems support and operations within a medical, health sciences, or higher education simulation centre environment
- Knowledge of patient simulation, technologies and applications
- Knowledge of computer hardware equipment and software applications relevant to simulator functions
- Knowledge of audio/video equipment and software for recording, duplication, mixing and editing
- Ability to learn new software and hardware quickly and independently
- Ability to assess, troubleshoot, and fix equipment failures in a timely fashion
- Ability to work with a range of specialist/IT applications
- Knowledge and understanding of basic anatomy and physiology
- Flexible with respect to hours worked in order to meet the needs of the service

- Proven ability to navigate online platforms such as Blackboard Collaborate, Zoom and Microsoft Teams with requisite proficiency
- Computer literacy, with a sound knowledge of MS Word, MS Excel, Internet and competency of ITS

COMPETENCIES

- Technical/ professional knowledge and skill
- Excellent computer skills
- Planning and organisational skills
- Integrity and confidentiality
- attention to detail
- Resource management
- Ability to work under pressure and meet deadlines
- Building interpersonal relationships and partnerships
- Decision-making and problem solving
- Work under pressure
- Formal presentation
- Ability to multi-task
- Mentoring and coaching skills
- Professional and ethical standards
- Communication skills (verbal and written)
- Continuous learning
- Client service orientated
- Facilitation skills

KEY PERFORMANCE AREAS

- Installation and operation of simulation IT infrastructure, and understand the use and operation of different simulator technology
- Serve as computerised simulator operator and running pre-programmed scenarios with clinical facilitators/instructors, assuring all equipment is set up for course programs
- Establish computer networking and connection of IT infrastructure
- Operate audio-visual systems
- Computerised Manikin operation and programming
- Creation, manipulation, and revision of graphic and video content
- Develop virtual reality or augmented reality training systems
- Identify operational troubleshooting of simulation IT infrastructure and correction for future use
- Work with a range of specialists/IT applications
- Calibrate, maintain and update equipment
- Provide technical assistance, support and training to clinical lecturers/instructors and staff in use of simulation equipment, as necessary
- Provide recommendations for budgeting and purchase of equipment, supplies and materials

- Assist in negotiations and management of external vendor relationships
- Conduct ongoing maintenance of all simulation equipment, including cleaning, repairing, ensuring that all equipment is maintained in good working order at all times
- Act independently in operating, maintaining and managing the simulators and mannequins.
- Maintain record of repairs required and completed
- Interface with equipment manufacturers regarding equipment troubleshooting and system problems
- Maintain current knowledge of simulation equipment catalogues and operation manuals.
- Participate in technical training as necessary
- Assist with setup, testing and running of clinical scenarios at skills Centre
- Assist with special projects or initiatives as needed
- Provide regular reports and updates to the Director with recommendations
- Contribute to the overall development of SMU, and actively promote institutional culture
- Any other duties assigned by the Line Manager

Closing date: 18 March 2026

Applications from Employment Agency will not be considered.

Typed applications (**quoting the reference number**) which should contain a comprehensive curriculum vitae, certified copies of all qualifications and contact details of three referees, should be forwarded, for the attention of Mr MJ Mopai, by e-mail to hr.recruitment6@smu.ac.za not later than 16h00 on the closing date as stated in the advert.

It is the applicant's responsibility to have foreign qualifications evaluated by the South African Qualification Authority (SAQA). Failure to submit the requested documents/information will result in your application not being considered.

Telephonic enquiries regarding conditions of service: (012) 521-3624

The Sefako Makgatho Health Sciences University is an Equal Opportunity and Affirmative Action Employer.

Correspondence will be limited to short-listed candidates only. Applicants who have not been contacted within 30 days of the closing date must consider their applications as unsuccessful.

The university reserves the right to make or not to make an appointment