

MALAWI UNIVERSITY OF SCIENCE & TECHNOLOGY



VACANCY: DESIGN STUDIO TECHNICIANS

1 Background

Exciting and challenging job opportunities as Design Studio Technicians have arisen at the Malawi University of Science and Technology (MUST) for suitably qualified and experienced individuals who would like to contribute to the growth of the University.

2 The job

The jobs exist to assist in the effective and efficient management of the Design Studio within the University, by providing technical and practical support in its daily activities.

2.1 Duties

Among others, the Design Studio Technician shall be expected to perform the following duties:

- 2.1.1. Setting up demonstrations and/or laboratory sessions
- 2.1.2. Assisting students in working with the various equipment in the Design Studio
- 2.1.3. Maintenance of equipment, tools and parts
- 2.1.4. Keeping stock of materials, organizing parts and components
- 2.1.5. Assisting students during special projects and practical sessions
- 2.1.6. Assisting students in the production of prototypes
- 2.1.7. Assisting in the development of laboratory guidelines and standard operating procedures for the laboratory
- 2.1.8. Holding workshops to demonstrate the use of software and equipment

3 Requirements for the position

- 3.1. Bachelor of Engineering (Honours) in Biomedical Engineering obtained from a NCHE recognized Institution.
- 3.2. Experience with Computer Numerically Controlled (CNC) machines is preferred
- 3.3. Experience working with fabrication equipment such milling machines, lathes, grinders and welding machines
- 3.4. Experience in prototyping

- 3.5. Excellent knowledge of electrical and electronics components and instruments
- 3.6. Excellent knowledge of Computer Aided Design (CAD) software such as AutoCAD, Solid works, Autodesk Inventor, etc. will be an added advantage
- 3.7. Adapt to new design software and emerging technologies in the field
- 3.8. Proficiency in computer programming
- 3.9. Strong verbal communication and writing skills
- 3.10. Self-motivated and self-directed, requiring minimal oversight to meet objectives and milestones
- 3.11. Able to handle students in classroom environment
- 3.12. Self-starter and team player.
- 3.13. Ability to think creatively and find innovative solutions

4 Tenure for the position

The successful candidate shall be engaged on a two-year renewable contract based on satisfactory performance in line with the MUST's performance management system and new job requirements.

5 Mode of application for the position

Interested candidates who meet the above qualifications and requirements should submit their applications, together with detailed curriculum vitae plus copies of certificates not later than 18th August 2023. The curriculum vitae must include the following: the candidate's names in full; date of birth; academic qualifications; work experience; and names, phone numbers and email addresses of three traceable referees. Applications must be submitted to:

University Registrar
Malawi University of Science and Technology
P.O. Box 5196
LIMBE
Email: designstudio2023@must.ac.mw