

## TANZANIA TRAINING CENTRE FOR ORTHOPAEDIC TECHNOLOGISTS (TATCOT) at KCMC, MOSHI

### Introduction:

Tanzania Training Centre for Orthopaedic Technologists (TATCOT) is a training institution in Prosthetics/Orthotics and Wheelchair technology in Tanzania.

The centre was established in 1981 and it represents one of the first supra- regional training centre in the area of Prosthetics, Orthotics and Wheelchair Technology in Africa.

The courses offered at TATCOT are accredited and recognized by both the International Society for Prosthetics and Orthotics (ISPO) and World Health Organization (WHO).

TATCOT comprises well-equipped training facilities with sufficient classrooms and training workshops for its programs. It has access to an extensive and well- established Orthopaedic Department within the hospital. This access guarantees a truly practically and clinically oriented training and education for the students enrolled in the different programs.

The certificate courses in Lower Limb Orthotic Technology and Lower Limb Prosthetic Technology were established at the request of the World Health Organization (WHO).



## Certificate Course in Lower Limb Prosthetic Technology & Lower Limb Orthotic Technology



The Certificate Courses in Lower Limb Orthotic Technology and Lower Limb Prosthetic Technology comprises theoretical, laboratory and clinical practice. The clinical practice includes the clinical examination and evaluation of individual patients in order to prescribe and deliver the appropriate lower limb orthosis or prosthesis to the patient.

The duration of study for the Lower Limb Orthotic Technologists or Lower Limb Prosthetic

Technologists course is one year commencing in October each year. The teaching year comprises 42 weeks of study with approximately 35 teaching hours in each week.

### Course outline

During the course the student will undertake both theoretical subjects, practical and clinical training.

The core subjects are as follows: Anatomy and Physiology Mechanics and Biomechanics Clinics Clinical Practice, Pathology, Workshop Technology and Workshop Management

## Call for application!!

### Academic Year 2025/2026

Call for application!

Admission window open from: 20th January 2025 to 30<sup>th</sup> May 2025

Applications should be submitted to the Head of TATCOT by the 31st May of the year of entry.

Late applications will normally be considered for the following academic year.

Course is expected to start on 13<sup>th</sup> October 2025

Students are expected to complete the course on 28<sup>th</sup> August 2026

### Entry qualifications and other requirements

The course has a capacity to admit an average number of 10 students each year.

To qualify for admission to the course, the applicants must possess either An O-level Form IV Certificate or equivalent with at least two credit passes

Credit passes in any of the following science subjects:

- Physics
- Chemistry
- Biology
- Mathematics

Engineering subjects offered at technical secondary school are also acceptable for the third credit.

Or

An O-Level Form IV Certificate holder with less than the above mentioned criteria but with not less than two years practical experience in an Orthopaedic Workshop. Such candidates must pass an entry Examination set by TATCOT.

Sex: both male and female candidates are eligible to join the course.

Prosthetic or orthotic users or any other persons with physical disability with the above criteria and with upper limb functional strength are also invited to apply.

Language: the course language is English.

In addition to these requirements, participants have to possess basic computer skills



## Course fees

The course fee per Tanzanian participant amounts to **Tshs. 1,960,000**. This course fee covers the following:

- Training fee
- Practical Workshop tools
- Hostel Accommodation
- All materials used in the practical Workshop
- Registration
- Student identity card
- Examination and Certification

In addition, the following costs have to be covered by the participant:

- Transport to the centre
- Up keep allowance
- Uniforms (Maroon Scrubs, White Clinical Coat, black trouser and light blue shirt)
- Stationeries
- Medical coverage
- Beddings

## Course Objectives

The broad objectives of the Certificate Courses in Lower Limb Orthotic Technology & Lower Limb Prosthetic Technology are to provide the graduates with:

Clear concepts of the role and responsibilities of Lower Limb Prosthetic/Orthotic Technologist towards patients, colleagues and the clinical team.

A good level of theoretical knowledge and practical competency to safely and efficiently carry out their professional duties in providing the most common lower limb Prosthetic/orthotic devices to people with neuromuscular or skeletal deficiencies of the lower limb.

Knowledge of the application of locally available materials and the adaptation of technology to suit different social and environmental conditions;

The ability to operate and maintain tools, machines and equipment used in orthotics/prosthetics technical departments.

**OUR MOTTO:** “Each user requires an appropriate mobility aid according to his/her physical condition, environment and activities”

For more information please visit our website at <https://tadcot.co.tz/>

Write to us and submit your certificates through [tadcot@kilinet.cot.tz](mailto:tadcot@kilinet.cot.tz) copy [dshirima2005@yahoo.com](mailto:dshirima2005@yahoo.com) and will guide you in the application process.