

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.

TATCOT in collaboration with motivation Africa, a UK charitable organization based in Cape town, South Africa developed modular training course in Wheelchair technology in 2010 to implement WHO wheelchair service provision guideline.



Wheelchair course offered at TATCOT follows the WHO guideline and a student is advised to sit for international examination offered by [International Society of Wheelchair Professionals \(ISWP\)](#) to be internationally accredited.

Certificate Course in Wheelchair Technology Academic Year 2025/2026



Call for application!

Admission window open from: 20th January 2025 to 30th May 2025

Technical module sessions start on 13th October 2025

Clinical module sessions start on 30th March 2026

Students are expected to complete the course on 28th August 2026

Entry qualifications and other requirements

To qualify for admission, applicants must either possess Ordinary level education or equivalent certificate, with at least two credit passes in any of the following subjects: physics, biology, mathematics, chemistry or engineering subject.

Candidates without these qualifications may qualify for admission, provided they have two years experience in metal work and pass an entry examination set by TATCOT.

In all cases candidates must present their original certificates and other relevant documents.

ALSO;

Associate Prosthetist Orthotist (Diploma holder) Or Associate Orthotist (Single Discipline) from accredited institution are invite to add this component in their carrier as encouraged by ISPO

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

Wheelchair 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 (Dark blue workshop coat, Clinical coat, black trouser and light blue shirt)
- Stationeries
- Medical coverage

Learning Objectives

The trainees are expected to be able to:

- Observe safety procedures in relation to machine operation and handling of tools.
- Handle tools related to wheelchair production and repair
- Organize and maintain their working areas and tools
- Design, produce and assemble wheelchair components to suit users' needs
- Design and assemble different supportive seating components
- Distinguish various wheelchair components
- Assess, prescribe and fit appropriate products to users
- Deliver a comprehensive, professional service
- Analyze and prescribe different levels of seating devices and foam cushions
- Become familiar with different seating products
- Familiarize him/herself with international guiding documents and the rights of wheelchair users.

Job Profile for a Wheelchair Technologist

The role of the wheelchair technology staff is to:

- Produce/assemble wheelchairs to meet the requirements of the local community.
- Design wheelchair components to meet local requirements.
- Select materials suitable for local production of wheelchairs.
- Assess, prescribe and fit appropriate wheelchairs and other seating devices to people with different types of physical disabilities.
- Assess and prescribe appropriate pressure relieving cushions to people with different types of physical disabilities
- Maintain the quality of wheelchairs and wheelchair accessories produced.
- Serve as a member of the rehabilitation clinical team.



The students will adapt and utilize the knowledge and skills acquired in technical and clinical modules to assess, prescribe, fabricate components, assemble and fit appropriate wheelchairs and other seating posture management devices to different persons with mobility disabilities.

OUR MOTTO: “Each user requires an appropriate seating 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 copy dshirima2005@yahoo.com and will guide you in the application process.