

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

## 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.



## DIPLOMA COURSE IN PROSTHETIC AND ORTHOTIC SCIENCE (DPOS)

The Diploma Programme in Prosthetic and Orthotic Science is academically supervised and awarded by the Muhimbili University of Health and Allied Sciences. The programme is also accredited by The International Society of Prosthetics and Orthotics. The programme comprises of theoretical, technical and clinical modules which provide a student with competencies in clinical examination and evaluation of individual patients in order to prescribe and deliver the appropriate prosthetic and orthotic services.



The duration of study for Diploma in Prosthetic and Orthotic Science is three years commencing in October each year. The teaching year comprises of 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, Orthotic Clinical Practice, Prosthetic Clinical Practice, Pathology, Radiology, Workshop Technology and Workshop Management. Students have to attend field work attachment at centers outside and within our hospital for sixteen weeks.

## 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

### 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 three 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.

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

Lower limb Prosthetic or orthotic users with the above criteria and with upper limb functional strength are also invited to apply.

Language: the course language is English.



### Course fees

Outline of the course fee US\$

	1st year	2nd year	3 <sup>rd</sup> year
Tuition fee	6,500	6,500	6,500
Stationery	200	200	200
Clinical Uniforms	125	125	125
Hostel rent	1,000	1,000	1,000
Residents permit	250		250
Field work			500

ICT	500		
Medical care	250	250	250
<b>Total</b>	<b>8,825</b>	<b>8,075</b>	<b>8,825</b>

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

- Air flight ticket
- Up keep allowance
- Uniforms (black trouser and light blue shirt)
- Stationeries
- Beddings (Mattress is provided)
- Airport pick up (School can arrange for their pick up)
- Visa
- Vaccination

The course fees should be paid in US\$ or equivalent directly to the Bank Account Number indicated on the invoice prepared by the school. The year's course fees should be paid in total before the beginning of the course, or in 2 installments by special arrangement. The monthly allowances or stipend for students during the period of the course will depend on their parents or sponsoring agencies. However, it is suggested that the foreign student's monthly allowances should be sufficient to cover food, pocket money and other daily expenses. The recommended minimum monthly allowance is USD 400.00 per month.

## 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.
- Understanding of the principles of workshop management and supervision of staff.

**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.

We can also chat through



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