

Entry qualifications

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

Candidates without these qualifications may qualify for admission, provided they have two years experience in wheelchair production in a recognised workshop and pass an entry examination set by TATCOT.

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

Interviews and entry examinations

Apart from meeting the above criteria, candidate will be required to appear and pass an entry examination and interview.

Age: Candidates must be 18 years or above.

Sex: Both male and female students are admitted.

Health: Candidates must present a medical certificate showing they are fit for the course.

Accommodation

There is accommodation within the college campus and in Moshi town. Students are strictly forbidden to accommodate their family or friends in college hostels

Fee Structure

Tuition	6,500.00
Stationery	200.00
Uniforms	125.00
Hostel rent	1000.00
Resident Permit	250.00
Field work	0.00
ICT	500.00
Medical care	250.00
TOTAL (US\$)	8,825.00



Wheelchair components production



Case presentation



User training

MODULAR COURSE IN WHEELCHAIR TECHNOLOGY

TATCOT, MOSHI, TANZANIA



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tatcot
Tanzania Training Centre for
Orthopaedic Technologists

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 Orthopaedic 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.

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

Modular course in wheelchair technology is conducted and supervised by TATCOT and the ministry of Health-Tanzania.

TATCOT Location:

TATCOT is 4Km from Moshi town, 55Km from Kilimanjaro International Airport (KIA) and 430Km from Jomo Kenyatta International Airport in Nairobi, Kenya.

There are reliable connections from both airports by taxi or bus.

Course outline:

Course Summary: Technical module

Code	Course name	sub.code No.	Hours
MT	M/Technology	MT 101	20
WT	W/Technology	WT 102	98
WCT	Wc/Technology	WCT 103	145
WCP	Wc/Practice	WCP 104	487
WM	W/Management	WM 105	20

Total Time 770

Course summary: Clinical module

Code	Course name	sub.code No.	Hours
AP	Anatomy & Physiology	AP 201	30
PA	Pathology	PA 202	24
CL	Clinical Studies	CL 203	421
FA	Field Attachment	FA 204	104
Total Time			580

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.

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
- Organise 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
- Explain international guiding documents and the rights of wheelchair users.

Job profile:

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.



Each user requires an appropriate seating mobility aid according to:

- Physical condition
- Environment
- Life style/Activities