

## Accommodation

TATCOT has three student hostels within the campus with accommodation and toilet facilities for up to 70 students.

## Course fees

Outline of the course fee	US\$		
	1st	2nd	3rd
Tuition fee	6,500	6,500	6,500
Stationery	200	200	200
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>

The course fees should be paid in US\$ or equivalent directly to the Bank and Account Number indicated on the letter of admission to the course. The year's course fees should be paid in total before the beginning of the course, or in 2 instalments 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.

## Applications

Application dates:

- ◇ Applications should be submitted to the principal, TATCOT by 31st May of the year of entry.
- ◇ Candidates must confirm their place to the Principal in writing not later than 31st May of the year of entry.
- ◇ Late applications will normally be considered for the following academic year.

## Sponsorship

Several organisations offer study grants to TATCOT programmes. Those intending to join the school should process their requests for grants in their own countries through the appropriate institutions, for example, the Ministry of Health.

The following organisations are recommended as possible sponsors:

- International Committee of Red Cross (ICRC)
- International Committee of Red Cross/ Special Fund for Disabled (ICRC/SFD)
- Ministry of Health (MoH)
- World Health Organisation (WHO)
- Handicap International (HI)
- International Society for Prosthetics and Orthotics (ISPO)
- 500Miles, UK
- United States Agency for International Development (USAID)
- Norwegian Association of the Disabled (NAD)
- Norwegian Association of the Red Cross (NORCROS)
- Motivation UK
- Sintef-Norway

Prospective students should consult country offices of the above organisations.



## Diploma Course in Orthopaedic Technology

TATCOT, Moshi, Tanzania



The Principal, TATCOT  
P.O. Box 8690, Moshi, Tanzania  
Tel: +255 27 2753986/7  
Fax: +255 27 2752038/2755169  
Email: [tatcot@kilinet.co.tz](mailto:tatcot@kilinet.co.tz)  
Website: [www.tatcot.org](http://www.tatcot.org)

**tatcot**  
Tanzania Training Centre for  
Orthopaedic Technologists

## Introduction:

Tanzania Training Centre for Orthopaedic Technologists (TATCOT) was founded in Moshi with the material, financial and human resource support of the governments of Tanzania and the Federal Republic of Germany in 1981. TATCOT is a supra-regional training centre providing courses in the field of orthopaedic technology in Africa and enrolls students from all English speaking African countries as well as other interested countries.

TATCOT is located in Kilimanjaro Christian Medical Centre (KCMC) which is an institution of the Good Samaritan Foundation of the Evangelic Lutheran Church of Tanzania and is a consultant and referral medical centre for the Northern Zone of Tanzania.

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 a well-equipped training facilities with sufficient classrooms and training workshops for its programmes. 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 programmes.

TATCOT is situated only 4Km from Moshi town centre, 55Km from Kilimanjaro International Airport (KIA) and 600 km from JK Nyerere International Airport, Dar es Salaam. There are reliable connections from these airports by taxi or bus.

## Diploma in Orthopaedic Technology

The Diploma Course in Orthopaedic Technology was established in 1981 through joint co-operation and partnership between the Tanzania Training centre for Orthopaedic Technologists TATCOT, the Tanzania Ministry of Health and Gesellschaft für Technische Zusammenarbeit (GTZ), the Agency for Technical Cooperation of the Federal Republic of Germany.

The academic supervision of the three years Diploma course in Orthopaedic Technology offered by TATCOT is carried out by the Muhimbili University of Health Allied Sciences (MUHAS). MUHAS confers a Diploma in Orthopaedic Technology upon successful completion of the course.

The Diploma course in Orthopaedic Technology comprises of 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 broad objectives of the Diploma Course in Orthopaedic Technology are to provide the graduate with:

- A clear concept of the role and responsibilities of Orthopaedic Technologists 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 assessing, prescribing, designing, fabricating and evaluate fitting of prosthetic and orthotic devices to people with neuromuscular and muscular skeletal deficiencies.
- A 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 the tools, machines and equipment used in prosthetics/orthotics or technical orthopaedics departments;
- An understanding of the principles of workshop management and supervision of staff.

The duration of the course for the Diploma in Orthopaedic Technology is three years commencing in October each year. The teaching year comprises 42 weeks of study with approximately 35 teaching hours in each week.



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

Courses per year	1st	2nd	3rd
◇ Basic Sciences	√		
◇ Prosthetic& Orthotic Science I	√		
◇ General Health Education, Information Technology & Communication skills	√		
◇ Prosthetic& Orthotic Sciences II		√	
◇ Prosthetic& Orthotic Sciences III		√	
◇ Health System Research		√	
◇ Prosthetic& Orthotic Sciences IV			√
◇ Leadership and Management			√
◇ Clinical Placement			√

## Entry qualifications

The course has a capacity to admit a maximum of 15 students each year.

To qualify for admission to the course, the applicants must possess:

An ordinary Level Form IV Certificate or equivalent with at least three 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 with not less than two years practical experience in an Orthopaedic Workshop. Such candidates must pass an entry Examination set by TATCOT in collaboration with the Ministry of Health and Social Welfare, Tanzania.

Age: 18 years and above.

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

Health: Candidates must possess a medical certificate indicating that he/she is mentally and physically fit to undertake the course.

Language: Medium of communication is English. Candidates must exhibit competence in spoken and written English.