

Accommodation

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

Course fees

Outline of the course fee	US\$
School tuition	6,500
Stationery	160
Uniforms	125
Hostel rent	1,000
Residents permit	250
ICT	500
Medical care	250
Total	8,785

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 the 31st May of the year of entry.
- ◇ Candidates must confirm their place to the Principal in writing not later than 31st March.
- ◇ 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 Weiterbildung und Entwicklung GmbH
- Ministry of Health (MoH)
- International Committee of the Red Cross (ICRC)
- British Council (BC) or British High Commissioner (BHC)
- World Health Organisation (WHO)
- Commonwealth Secretariat (CS)
- United Nations Development Programme (UNDP)
- Swedish Organization of Handicapped International foundation (SHIA)
- Norwegian Agency for Development Cooperation (NORAD)
- Episcopal Organization Cooperation (MISSERIOR)
- United States Agency for International Development (USAID)
- Norwegian Association of the Disabled (NAD)
- Norwegian Association of the Red Cross (NORCROS)
- Motivation UK

Prospective students should consult country offices of the above organisations.



Certificate Courses
in

Lower Limb Orthotic Technology & Lower Limb Prosthetic 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
Website: 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 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 and 430Km from Jomo Kenyatta International Airport, Nairobi, Kenya. There are reliable connections from these airports by taxi or bus.

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

Certificate in Lower Limb Prosthetic Technology & Lower Limb Orthotic Technology

The certificate courses in Lower Limb Orthotic Technology & Lower Limb Prosthetic Technology are conducted and supervised by TATCOT and the Tanzania Ministry of Health and Social Welfare respectively. The Ministry of Health and Social Welfare and TATCOT award a Certificate upon successful completion of the course.

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

- A clear concept of the role and responsibilities of Lower Limb Orthotic Technologists or Lower Limb Prosthetic 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 providing the most common lower limb orthotic devices or lower limb prosthetic devices to people with neuromuscular or skeletal deficiencies of the lower limb.
- 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 orthotics, prosthetics or technical orthopaedics departments.

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 and practical and clinical training.

The core subjects are as follows:

- Anatomy and Physiology
- Mechanics and Biomechanics
- Clinics
- Clinical Practice
- Mathematics
- Pathology
- Technology
- Workshop Management

During the course there is an opportunity for patient contact and clinical experience at KCMC Orthopaedic workshop which is situated adjacent to TATCOT. This consists of fully supervised and timetabled clinical experience with patients who have a range of medical conditions and disabilities requiring lower limb orthotic or lower limb prosthetic treatment.

After a successful completion of the course, each candidate must complete a minimum of 6 months supervised orthotics or prosthetics clinical attachment in an approved orthopaedic workshop in Tanzania. This clinical attachment is supervised by a fully qualified Orthopaedic Technologists, Orthotists, Prosthetists or Prosthetist/Osthetist as is appropriate.

A balanced and comprehensive programme as outlined by TATCOT is followed during this period of clinical attachment.

The final Certificate in Lower Limb Orthotic Technology or Lower Limb Prosthetic Technology will only be issued after confirmation from the supervisor of successful completion of the clinical attachment.

Entry qualifications

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 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