

# health and welln

## BIOMEDICAL TECHNOLOGY

A medical technologist performs analytical procedures on specimens of human origin. Qualified medical technologists are employed in specialised laboratories at hospitals and private institutions. After completing the diploma, students have the opportunity to specialise with the option of postgraduate study leading to a doctorate. Registered technologists may also apply for a license to practice in a private capacity in their own laboratories.

## DENTAL ASSISTING

CPUT trains professional dental assistants, registered with the Health Professions Council of SA, with the purpose of assisting dentists and dental specialists in treating patients. In partial fulfilment for the National Certificate: Dental Assisting, students are required to work in dental clinics and practices as part of their experiential training. Here they are offered the opportunity to apply the theory learned in practice. Qualified persons can work in private practices and dental clinics in the state and provincial structures both national and international.

## DENTAL TECHNOLOGY

This programme offers learners the opportunity to commence their study career enrolling for the national diploma, progressing to the bachelors' degree and on to the masters' level. Persons register with the SA Dental Technicians Council either as technicians or technologists depending on the level of their qualification. Qualified persons work in dental laboratories where they make dentures, crowns, bridges and other dental appliances for the patients' of dentists and other dental specialists. Once qualified, dental technicians may work under supervision of a dental technologist or dentist while a qualified dental technologist may own a dental laboratory. International work opportunities are possible.

## EMERGENCY MEDICAL CARE

Graduates are qualified for professional registration with the Health Professions Council of South Africa as an emergency care practitioner (paramedic). Students are equipped to become competent in providing pre-hospital emergency care to the critically ill or injured patient. They are trained in basic, intermediate and advanced techniques in order to provide advanced life support and rescue.

## NURSING

On successful completion of the basic four year qualification in Nursing, the student is registered as a professional nurse (general, psychiatry, community health) and midwife with the South African Nursing Council. The post-basic Nursing qualification offers nurses registered with the South African Nursing Council the opportunity to specialise in occupational health, primary health care skills, oncology or palliative nursing.

## OPTICAL DISPENSING

Working as a dispensing optician offers a balance between working with people and using modern scientific technology to the benefit of the patient. A dispensing optician analyses a written prescription from an ophthalmologist or optometrist and considers the lifestyle and working environment of the patient. They can then order, manufacture and process ophthalmic lenses and produce devices to correct defects of vision. The work also entails screening before visual examinations and maintenance and repair to spectacles. This course provides graduates with the minimum requirements for accreditation and registration with the Health Profession Council of South Africa (HPCSA) as a dispensing optician. This is an internationally recognised qualification.

## RADIOGRAPHY

This diploma aims to develop professionals who demonstrate the knowledge and skills required in Diagnostic Radiography, Nuclear Medicine, Ultrasound or Radiation Oncology. The radiographer needs to be proficient in a range of generic and academic skills, having a broad integrated knowledge of health science. This is a lifelong learning profession in order to benefit the community and society. Students gain early exposure to the clinical environment and are involved with patients from early in the programme.

## SOMATOLOGY

This course is ideally suited to the dedicated and mature person who is interested in health and skincare. The emphasis is on theoretical and practical proficiency. Third year students have the option of sitting the CIDESCO examination which is internationally recognised. Challenging career opportunities exist in health and skincare clinics, cruise liners and spas, which through work experience can lead to the establishment of her own business in this rewarding field.



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# ess sciences



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