

CLINICAL TECHNOLOGY

KLINIESE TEGNOLOGIE

CAREER INFORMATION

Clinical technologists perform, with the aid of highly specialized biomedical instrumentation systems, diagnostic tests, and therapeutic and life-supporting procedures on patients. They work in public and private health sectors in one or more of the following specialist categories: cardiology (heart), perfusion (heart & vascular), pulmonology (lungs), neurophysiology (brain), nephrology (kidneys), reproduction (sex organs) and critical care. Opportunities exist to be self-employed.

COMPULSORY SUBJECTS

Mathematics, Physical Science and Biology.

RECOMMENDED SUBJECT

Physiology.

ADMISSION REQUIREMENTS

Matriculation Certificate or equivalent qualification recognized by the Department of Education.

DURATION OF COURSE

Four years – BTech.

STUDY AT A UNIVERSITY OF TECHNOLOGY

National Diploma in Clinical Technology or an equivalent qualification is necessary to continue with the fourth level. Admission to this course is subject to evaluation, a personal interview and/or aptitude test.

NB: Students must be in possession of the BTech: Clinical Technology before they will be allowed to practice independently as graduated clinical technologists.

FURTHER STUDIES

MTech: Clinical Technology

DTech: Clinical Technology

CAREER OPPORTUNITIES

Clinical technologists must be neat and accurate workers and have the ability to work with the ill. Clinical technologists can work in hospitals, medical institutions and laboratories. They can practice as individuals or in partnerships, offering their services at any accepted venue and to any person in collaboration with registered medical practitioners.

BEROEPSINLIGTING

Kliniese tegnoloë voer diagnostiese toetse, terapeutiese en lewensondersteunende prosedures op pasiënte uit met behulp van hoogs-gespesialiseerde biomediese tegnologie. Hulle werk in die openbare en private gesondheidssektore in een of meer van die volgende spesialiskategorieë: kardiologie (hart), perfusie (hart en vaskulêr), pulmonologie (longe), neuro-fisiologie (brein), nefrologie (niere), reproduksie (seksorgane) en intensiewe sorg. Geleenthede bestaan om 'n eie praktyk te vestig.

VERPLIGTE VAKKE

Wiskunde, Wetenskap en Biologie.

AANBEVOLE VAK

Fisiologie.

TOELATINGSVEREISTES

Matrieksertifikaat of gelykwaardige kwalifikasie wat deur die Departement van Onderwys erken word.

DUUR VAN KURSUS

Vier jaar – BTech.

STUDIE BY 'N UNIVERSITEIT VIR TEGNOLOGIE

Die Nasionale Diploma in Kliniese Tegnologie of 'n gelykwaardige kwalifikasie is noodsaaklik om voort te gaan met die vierde vlak. Toelating tot hierdie kursus is onderhewig aan evaluering, 'n persoonlike onderhoud, en/of aanlegtoets.

N.B. Studente moet in besit wees van die BTech: Kliniese Tegnologie voordat hulle toegelaat sal word om onafhanklik te praktiseer as gegraduateerde kliniese tegnoloë.

VERDERE STUDIES

MTech: Kliniese Tegnologie

DTech: Kliniese Tegnologie

BEROEPSGELEENTHEDE

Kliniese tegnoloë moet netjiese en akkurate werkers wees en moet oor die vermoë beskik om met siek mense te werk. Kliniese tegnoloë kan in hospitale, by mediese instansies en laboratoriums werk. Hulle kan as individue of in vennootskappe praktiseer en hulle dienste aanbied by enige aanvaarde instansie en aan enige persoon in samewerking met geregistreerde mediese praktisyns.

