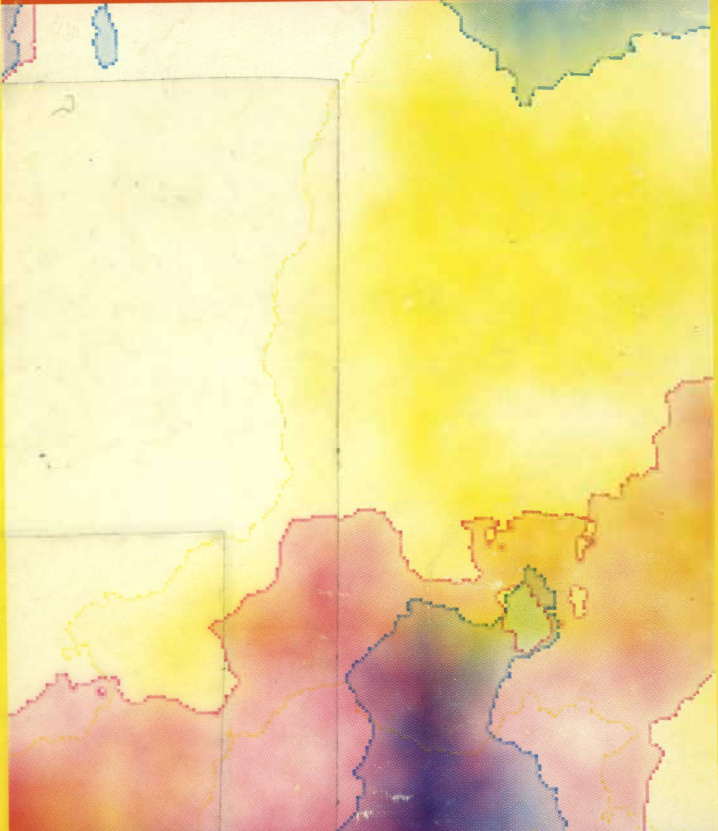


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*Training opportunities  
at technikons*



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aan technikons*

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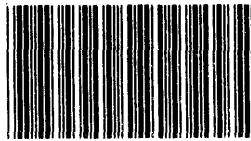
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**TRAINING OPPORTUNITIES AT  
TECHNIKONS**

**OPLEIDINGSGELEENTHEDE AAN  
TECHNIKONS**

**1995**



**TRAINING OPPORTUNITIES AT  
TECHNIKONS**

**OPLEIDINGSGELEENTHEDE AAN  
TECHNIKONS**

**1995**

*J. Roodt*  
*M.W. Craemer*  
*A.E. Verster*



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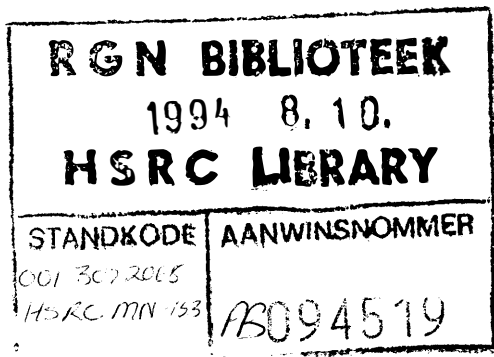
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## ABSTRACT

This guide is a summary of training opportunities at technikons and possible occupations that can be pursued by persons with diplomas or certificates. Training opportunities are indexed under the headings: field of study for the diploma/ certificate, possible occupation(s), name of diploma/ certificate, where the training is available, language medium of institution, duration of training, entry qualification(s) and subjects required, subjects recommended, selection basis and fees for courses. The guide also contains alphabetical lists of fields of study for which training opportunities exist, the possible occupations that can be pursued by persons with diplomas and certificates and an address list of the technikons.

There are approximately 700 entries in the guide which were mainly obtained from the latest available brochures of all the technikons in the RSA. The guide will be of use to pupils, students and counsellors seeking information on training opportunities and occupations. A revised edition is published every year.

## EKSERP

Hierdie gids is 'n samevatting van opleidingsgeleentheid aan technikons en die moontlike beroepe wat persone met diplomas of sertifikate kan volg. Die inskrywings is geïndekseer onder die opskrifte: studierigting vir die sertifikaat/ diploma, moontlike beroepe, naam van die diploma of sertifikaat, technikon waar die opleiding beskikbaar is, taalmedium van aanbidding, duur van die opleiding, toetree-kwalifikasie(s) vereis, skoolvakke vereis en aanbeveel, keuringsbasis en gelde betaalbaar vir kursusse. Die gids bevat ook 'n alfabetiese lys van studierigtings waarvoor opleidingsgeleentheid beskikbaar is, die moontlike beroepe wat gevolg kan word en 'n adreslys van die technikons.

Die ongeveer 700 inskrywings is saamgestel hoofsaaklik uit die nuutste beskikbare brosjures van al die technikons in die RSA. Die gids is 'n nuttige hulpmiddel vir voorligters en 'n naslaanwerk vir alle skoliere en studente wat inligting oor opleidingsgeleentheid en moontlike beroepe wil bekom. Die gids word elke jaar hersien.

## HOW TO USE THIS GUIDE

This guide contains an indexed list of training opportunities at technikons and possible occupations that can be pursued by persons with diplomas and certificates. Training opportunities are alphabetically classified according to the field of study for the diploma or certificate.

- The following suggestions will help you find information on the training opportunities:
  - ☞ The index of fields of study is a useful aid for tracing the training opportunities. Also look under related fields of study.
  - ☞ Use the index of occupations to trace the appropriate diploma or certificate.
- Apply for enrolment in good time. The application form has to be obtained, completed and submitted before a closing date. Enrolment dates are determined annually.
- Course fees are subject to change.

## HOE OM DIE GIDS TE GEBRUIK

Hierdie gids bevat 'n geïndekseerde lys van opleidingsgeleenthede aan technikons en moontlike beroepe wat met die sertifikate en diplomas beoefen kan word. Opleidingsgeleenthede is alfabeties gesorteer volgens die studierigting van die sertifikaat of diploma.

- Om die naslaan van die inskrywings te vergemaklik, word die volgende wenke gegee:
  - ☞ Die Studierigtingindeks is 'n nuttige hulpmiddel om opleidingsgeleenthede op te spoor. Soek ook onder verwante studierigtingname.
  - ☞ Gebruik die indeks van beroepe om die toepaslike sertifikaat of diploma op te soek.
- Doen betyds aansoek om toelating vir studie van die sertifikaat of diploma. Gewoonlik moet 'n aansoekvorm aangevra, ingevul en ingestuur word voor 'n sluitingsdatum. Sluitingsdatums wissel jaarliks.
- Kursusgelde is onderhewig aan verandering.

■ In this guide

**correspondence** means that the diploma or certificate can be obtained by means of correspondence. If the word correspondence does not appear in the entry, it means that classes have to be attended.

**Afrikaans medium or English medium** means the language in which the course is presented.

**occupations** means the possible occupations that can be followed by persons who have obtained the qualification. Only a few occupations are mentioned but in certain cases more occupations can usually be followed by persons with a specific diploma or certificate. (Occupations with the same work content are also known under different names to various employers.)

**admission qualification** means the minimum educational qualifications that is needed to enrol for a diploma or certificate. Equivalent qualifications e.g. N3, may also be accepted and technicians sometimes permit candidates to enrol without the prescribed qualifications. An approved African language or German may, under certain circumstances, replace one of the official languages. Write to the technicians for more information.

■ In hierdie gids beteken

**korrespondensie** dat die diploma of sertifikaat deur middel van korrespondensie behaal kan word. Indien die woord korrespondensie nie by die inskrywing voorkom nie, word die kursus deur middel van klasbywoning aangebied.

**Afrikaans- of Engelsmedium** die taalmedium waarin die kursusse aangebied word.

**beroep** die moontlike beroepe wat met die opleidingsgeleentheid beoefen kan word. Enkele beroepsname word genoem maar in sommige gevalle kan veel meer beroepe met 'n spesifieke diploma of sertifikaat beoefen word. (Beroepe met dieselfde werkinhoud is ook onder verskillende name by die werk-gewers bekend.)

**toetreekwalifikasie** die minimum opvoedkundige kwalifikasie wat vereis word om vir die diploma of sertifikaat in te skryf. Gelykwaardige kwalifikasies byvoorbeeld N3, word ook aanvaar en soms laat die technikonse persone toe om sonder die voorgeskrewe kwalifikasie in te skryf. 'n Goedgekeurde Afrika-taal of Duits mag met sekere voorwaardes een van die amptelike tale vervang. Skryf aan die technikonse vir verdere besonderhede.



Although the information in this publication has been compiled carefully, changes may have been made in the meantime. Applicants, when applying, should therefore make sure that the training opportunity is still available. There may also be new diplomas or certificates of which the details do not appear in this publication.

Alhoewel die inligting in hierdie gids met sorg saamgestel is, kon veranderinge intussen plaasgevind het en die aanbieding van sommige diplomas of sertifikate wat aangetoon word, gestaak wees. Aansoekers moet dus tydens aansoek seker maak dat die diploma of sertifikaat wel aangebied word. Daar kan ook nuwe opleidingsgeleenthede wees wat intussen bygekom het, wat nie in die boek verskyn nie.

The technikons also offer continuing programmes or short courses. Students are advised to make enquiries at the technikons concerned.

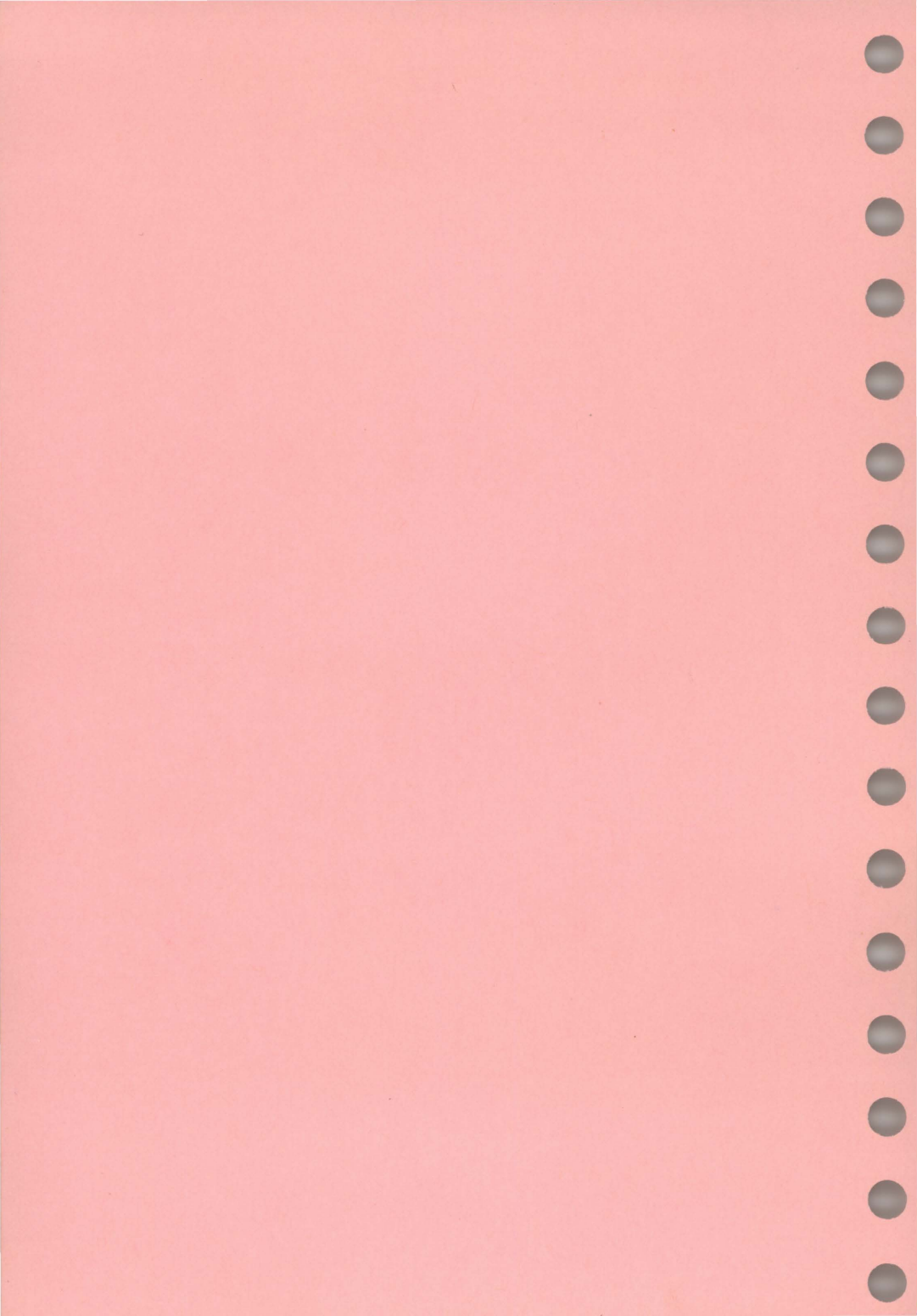
Die technikons bied ook bykomend voortgesette opleidingsprogramme of kort kursusse aan. Doen navraag by die betrokke teknikon.

Thanks are due to all bodies which co-operated in providing information. Particular appreciation is expressed to the technikons which made information available and co-operated in updating the information.

Hartlike dank aan alle instansies wat welwillend meegewerk het om inligting te verskaf. Besondere dank aan die technikons wat inligtingstukke en publikasies beskikbaar gestel het en meegewerk het met die opdatering van die inligting.



**TRAINING OPPORTUNITIES**



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## ACCOUNTANCY

**Occupation(s):** Accountant; Accounting officer

**Personal requirements:** An interest in figures, financial records and financial statements; accuracy with figures

**Nature of work:** Analyses and interprets financial statements, communicates with shareholders and companies

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma:** Accounting

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Accounting HG (E symbol) or SG (D symbol), Mathematics, English and Afrikaans (preference will be given to candidates with good Accounting and Mathematics symbols)

**Fees:** R2475 p.a.

**Venue:** Peninsula Technikon  
Afrikaans or English medium

**National Diploma:** Accounting

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Accounting SG (D symbol) or HG (E symbol)

**Additional requirements:** Proficiency in languages and good analytical skills

**Selection:** Academic achievement

**Fees:** Approximately R113 - R500 per subject

**Venue:** Setlogelo Technikon  
English medium

**National Diploma:** Accountancy

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (E symbol)

**Subjects required:** Accounting HG (E symbol) or SG (D symbol)

**Subjects recommended:** Mathematics

**Selection:** Points system

**Fees:** R175 per subject per semester

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma:** Accountancy

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics HG (E symbol) or SG (D symbol) or Accounting HG (D symbol) or SG (C symbol)

**Selection:** Possible interview

**Fees:** R4010 p.a. (R940 per subject)

**Venue:** Technikon OFS  
Afrikaans or English medium

**National Diploma:** Accountancy

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects recommended:** Accounting

**Selection:** Academic achievement

**Fees:** R485 per subject

**Venue:** Technikon Pretoria, Technikon Pretoria (Kwamhlanga Campus)

Afrikaans or English medium

**National Diploma:** Accountancy

**Duration:** 3 years full-time (also offered part-time)

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in

the programme of study

**Subjects required:** Mathematics or Accounting HG (D symbol) or SG (C symbol)

**Selection:** Academic achievement

**Fees:** First year: R424 - R758 per subject; second year: R642 - R660 per subject; third year: R642 - R678 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma:** Accountancy

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Additional requirements:** All candidates must be employed in accounting duties in commerce, industry, the public sector, or a professional accounting firm under the supervision of a CA(SA), CIS, CMA, IMTA, IAT or a person approved by the Council of the IAT

**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Accounting

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Accounting or Mathematics HG (E symbol) or SG (C symbol)

**Selection:** Selection test

**Fees:** Approximately R380 per subject per semester

## **ADMINISTRATION**

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Administration

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (D symbol average)

**Subjects required:** Any two official languages (D symbol) and Financial Accounting

**Selection:** Personal interview

**Note:** This diploma prepares the candidate for a career in local government

## **ADMINISTRATION AND COMMERCE: ACCOUNTANCY**

**Occupation(s):** Bookkeeper; Credit controller; Financial clerk; Stock controller

**Personal requirements:** An interest in figures, money, financial records and financial statements; accuracy with figures

**Nature of work:** Analyses and interprets financial statements, communicates with shareholders and companies

**Venue:** Technikon Northern Transvaal  
English medium

**Diploma of the Institute of Administration and Commerce of Southern Africa:** Accounting

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (E aggregate)

**Subjects required:** English and Accounting HG (E symbol) or SG (D symbol)

**Selection:** Scholastic achievement

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

## **AGRICULTURAL MANAGEMENT**

**Occupation(s):** Farm manager; Farmer; Agricultural advisor

**Personal requirements:** Good human relations, willingness to do non-routine work, able to identify priorities and leadership qualities

**Nature of work:** Diplomates may manage their own farms or be employed as farm managers or advisors or seek employment in the world of agricultural insurance

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium

**National Diploma: Agricultural Management**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Selection:** Academic merit

**Note:** A similar course is offered at the Faculty of Forestry of the Technikon at Saasveld

**Fees:** R380 - R580 per subject

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Agricultural Management**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R484 per subject p.a. (R280 per subject per semester). Projects: R140 each

**AGRICULTURAL RESEARCH: BOTANY**

**Occupation(s):** Agricultural research technician

**Personal requirements:** Interested in plants, enjoys outdoor work, an enquiring mind and good human relations

**Nature of work:** Includes both laboratory and field experiments and comprises planning, layout, cultivation, fending and collection of data on research facets, for example, plant-breeding, tillage, control of plant disease and control of insects etc.

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Agricultural Research: Botany**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D symbol aggregate

**Subjects required:** First Language HG and Second Language SG

**Subjects recommended:** Biology and one or more of the following subjects: Physical Science, Mathematics and Geography

**Selection:** Psychometric tests, aptitude tests or personal interview

**Fees:** First semester: R2620; second semester: R1740; third semester: R1310

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Agricultural Research: Botany**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics, Physical Science, Biology and agricultural subjects

**Selection:** Academic achievement

**Fees:** First semester: R450 - R500 per subject; second semester: R450 - R500 per subject; third semester: R464 - R474 per subject; fourth semester: R464 - R474 per subject; fifth semester - experiential training: R464; sixth semester - experiential training: R474

**AGRICULTURE**

**Occupation(s):** Agricultural extending technician; Agricultural resource technician

**Personal requirements:** Enjoys working with the soil, plants and animals; enjoys outdoor work, an enquiring mind and good human relations

**Nature of work:** The Agricultural extending technician collects information to

identify shortcomings in the farming industry and the misuse of resources. Involved in resource classification, planning of farms and advises producers on specific farming practices. The agricultural resource technician is concerned with the classification and mapping of a region's natural resources

**Venue:** Mangosuthu Technikon

English medium

**National Diploma: Agriculture: Plant Production**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English HG (E symbol)

**Subjects recommended:** Mathematics, Physical Science, Biology and/or Agricultural Science

**Selection:** Candidates subject to selection

**Fees:** R1960 per semester

**Venue:** Mangosuthu Technikon

English medium

**National Diploma: Agriculture: Resource Utilisation**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English HG (E symbol)

**Subjects recommended:** Mathematics, Physical Science, Biology and/or Agricultural Science

**Selection:** Candidates subject to selection

**Fees:** R1790 per semester

**Venue:** Mangosuthu Technikon

English medium

**National Diploma: Agriculture: Animal Production**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate

without university admission

**Subjects required:** English HG (E symbol)

**Subjects recommended:** Mathematics, Physical Science, Biology and/or Agricultural Science

**Selection:** Candidates subject to selection

**Fees:** R1960 per semester

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Agriculture: Resource Utilisation**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. Subjects on LG are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics, Physical Science, Biology and agricultural subjects

**Selection:** Academic achievement

**Fees:** First semester: R450 - R500 per subject; second semester: R450 - R464 per subject; third semester: R450 - R474 per subject; fourth semester: R450 - R474 per subject; fifth semester - experiential training: R464; sixth semester - experiential training: R474

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Agriculture: Animal Production**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects recommended:** Biology, Mathematics, Physical Science and agricultural subjects

**Selection:** Academic achievement

**Fees:** First semester: R450 - R500 per subject; second semester: R450 - R464 per

subject; third semester: R450 - R474 per subject; fourth semester: R450 - R474 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Nelspruit Campus)

Afrikaans or English medium

**National Diploma: Agriculture: Plant Production**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects recommended:** Biology, Mathematics, Physical Science and agricultural subjects

**Selection:** Academic achievement

**Fees:** First semester: R450 - R500 per subject; second semester: R450 - R464 per subject; third semester: R464 - R474 per subject; fourth semester: R450 - R474 per subject; fifth semester - experiential training: R464; sixth semester - experiential training: R474

## **AIR POLLUTION CONTROL**

**Venue:** Technikon SA

Afrikaans and English medium

**National Certificate: Air Pollution Control**

Correspondence course;

**Duration:** 1 year

**Entry qualification:** A qualification in Public Health or an appropriate equivalent qualification or a Senior Certificate with documentary proof of at least 2 years appropriate experience

**Selection:** Selection test

**Note:** Practical sessions are compulsory

**Fees:** R430 per subject

## **AMBULANCE AND EMERGENCY CARE**

**Occupation(s):** Ambulance and emergency

care officer

**Personal requirements:** Able to take instantaneous decisions, sympathetic and unselfish

**Nature of work:** To provide pre-hospital emergency care to patients and accident victims, stabilise the condition of patients and transport them to a hospital

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Ambulance and Emergency Care**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics and/or Physical Science SG

**Additional requirements:** Candidates must be at least 18 years old and have a learner driver's licence

**Fees:** R2590 p.a. (R600 per subject)

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Ambulance and Emergency Care**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Mathematics, Physical Science, Biology

**Selection:** Medical examination, personal interview, psychometric selection tests and fitness tests

**Fees:** R630 per subject

## **ANALYTICAL CHEMISTRY**

**Occupation(s):** Chemical technician

**Personal requirements:** An interest in chemistry, mathematical ability and ability to work well with other people

**Nature of work:** Usually work in laboratories or in the industrial field outside the laboratory. They are involved in quality analysis and control (to test intermediate and final products and improve analytical methods), research (mostly in a team) and marketing

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma in Analytical Chemistry**

**Duration:** 3 years full-time (six months experiential training in an approved laboratory or plant)

**Entry qualification:** Senior Certificate without university admission with six subjects, D symbol average (only subjects on HG and SG are acceptable)

**Subjects required:** Mathematics and Physical Science HG (E symbol or SG D symbol). Both Afrikaans and English, one which must be First Language HG

**Selection:** Psychometric tests, aptitude tests or personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Analytical Chemistry**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Mathematics HG (E symbol) or SG (C symbol) and Physical Science

**Selection:** Merit

**Fees:** R3720 p.a.

**Venue:** Mangosuthu Technikon

English medium

**National Diploma in Analytical Chemistry**

**Duration:** 3 years full-time: 2 years formal training, 6 months project work and 6 months experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science

**Selection:** Academic achievement

**Fees:** R1960 per semester

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma in Analytical Chemistry**

**Duration:** 3 years full-time: 4 semesters formal training and 12 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Physical Science and Mathematics SG (D symbol) or HG (E symbol)

**Selection:** Academic achievement

**Fees:** Approximately R393 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Analytical Chemistry**

**Duration:** 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** First Language HG (E symbol) or SG (D symbol) and Mathematics and Physical Science HG or SG (D symbol)

**Selection:** Academic achievement

**Fees:** R380 - R820 per subject

**Venue:** Setlogelo Technikon

English medium

**National Diploma in Analytical Chemistry**

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission or successful completion of the Pre-Technicians Course

**Subjects required:** Mathematics and Physical Science HG (D symbol) and English at Senior Certificate level

**Selection:** Points system  
**Fees:** R175 per subject per semester

**Venue:** Setlogelo Technikon  
English medium  
**Pre-technical Course: Analytical Chemistry**  
**Duration:** 1 semester  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Mathematics, Physical Science and English (E symbol)  
**Note:** This course is recommended for students who fail to meet the admission requirements for the National Diploma in Analytical Chemistry  
**Fees:** R175 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma in Analytical Chemistry**  
**Duration:** 3 years full-time: 30 months formal training and 6 months experiential training  
**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics and Physical Science or Physics HG (E symbol) or SG (C symbol)  
**Fees:** R2630 per semester (R610 per subject)

**Venue:** Technikon Northern Transvaal  
English medium  
**National Diploma in Analytical Chemistry**  
**Duration:** 3 years full-time (experiential training included)  
**Entry qualification:** Senior Certificate without university admission (C symbol

aggregate) OR successful completion of the Potentiality Development Programme OR N4 with at least 5 appropriate subjects  
**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. N4: Mathematics (60%) and English  
**Selection:** Aptitude tests  
**Note:** A Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information  
**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Pretoria  
Afrikaans or English medium  
**National Diploma in Analytical Chemistry**  
**Duration:** 3 years full-time or part-time: 5 semesters formal training and 1 semester experiential training  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study  
**Subjects required:** Mathematics and Physical Science HG or at least C symbol SG  
**Selection:** Academic achievement  
**Note:** A bridging programme (i.e. certificate for laboratory assistants) is available for students who do not comply with the entrance requirements  
**Fees:** First semester: R412 - R520 per subject; second semester: R464 - R544 per subject; third semester: R464 - R550 per subject; fourth semester: R464 - R554 per subject; fifth semester - experiential training: R100; sixth semester - project: R440

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma in Analytical Chemistry**

**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** First Language HG (E symbol), Second Language SG (D symbol) and Mathematics and Physical Science HG (D symbol) or SG (C symbol)  
**Additional requirements:** Candidates who have not obtained the necessary symbols in the compulsory subjects must write an entrance examination  
**Fees:** Approximately R380 per subject per semester or approximately R760 per subject p.a.

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium  
**National Diploma in Analytical Chemistry**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG (official languages included)  
**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (D symbol)  
**Selection:** Points system  
**Fees:** First semester: R1857; second semester: R2019; third semester: R2012; fourth semester: R1857; fifth semester: R250

## ANIMAL HEALTH

**Occupation(s):** Animal health technician  
**Personal requirements:** Physical fitness and good health, able to work with animals as well as people, able to communicate with the farming community, vivid perceptivity and responsible  
**Nature of work:** Supportive services to state veterinary surgeons - it varies from region to region e.g. control over dipping of animals, sees to it that the laws are adhered to, identifies diseases at an early stage, advises farmers on preventative measures and gives permits for the transfer of animals etc.

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma: Animal Health**  
Correspondence course;  
**Duration:** 3 years (practical training included)  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)  
**Additional requirements:** Admission is restricted to animal health technicians who are part-time, permanent or contract workers of the Department of Agriculture (RSA) and employees of the same category in Departments of the TBVC and self-governing states  
**Fees:** R430 per subject

## ARCHITECTURAL TECHNOLOGY

**Occupation(s):** Architectural technician  
**Personal requirements:** Creative, thinks independently, solves problems, communicates graphically and verbally and able to put ideas into practice  
**Nature of work:** An architectural technician's job is mainly to advise and make decisions about building materials and how they are assembled to construct effective buildings. Other skills include presentation drawing, surveying, office management, building site supervision, negotiation with local authorities and the application of building regulations

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma: Architectural Technology**  
**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training  
**Entry qualification:** Senior Certificate without university admission with six subjects and without any LG subjects  
**Subjects required:** Afrikaans and English (with the First Language on HG) and



Mathematics SG (E symbol) or N3 Mathematics (60%)

**Selection:** Portfolio of creative work, aptitude exercises and a prescribed task  
**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Architectural Technology**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Mathematics HG and English First Language

**Selection:** Merit

**Fees:** R3720 p.a.

**Venue:** Peninsula Technikon  
Afrikaans or English medium

**National Diploma: Architectural Technology**

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission or NTC III

**Subjects required:** First and Second Language SG (Senior Certificate level) for NTC III

**Subjects recommended:** Woodwork, Mathematics, Physical Science, Technical Drawings, Art

**Selection:** Portfolio of creative work and personal interview

**Fees:** Approximately R115 - R508 per subject

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium

**National Diploma: Architectural Technology**

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects or a four subject N3 certificate with both official languages on Senior Certificate level

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Subjects recommended:** Woodwork, Metalwork, Technical Drawing, Art, Physical Science, Mathematics

**Selection:** Selection tests

**Fees:** R190 - R660 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma: Architectural Technology**

**Duration:** 3 years full-time: 30 months formal training and 6 months experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or LG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Art, Mathematics, Physical Science, Geography, Technical Drawing

**Selection:** Points system

**Fees:** First and third year: R4720 p.a. (R1115 per subject); second year: R610 per subject (3 subjects only)

**Venue:** Technikon Northern Transvaal  
English medium

**National Diploma: Architectural Technology**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (C symbol aggregate) OR successful completion of the Potentiality Development Programme OR

N4 with at least 5 appropriate subjects  
**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. N4: Mathematics (60%) and English

**Selection:** Aptitude tests

**Note:** A Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma:** Architectural Technology

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Selection:** Academic achievement and a selection test

**Fees:** First year: R224 - R768 per subject; second year: R740 per subject; third year: R380 - R810 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma:** Architectural Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** First Language HG (E symbol), Second Language SG (D symbol) and Mathematics

**Subjects recommended:** Art, Technical Drawing

**Selection:** Selection test

**Fees:** Approximately R380 per subject per

semester or approximately R760 per subject p.a.

## **BALLET**

**Occupation(s):** Ballet dancer

**Personal requirements:** Correct physique and temperament; musical and acting ability

**Nature of work:** Usually dances for a company and working hours are long

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma:** Ballet

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Additional requirements:** Elementary RAD/Cechetti standard

**Selection:** Audition

**Fees:** First year: R258 - R1540 per subject; second year: R258 - R1584 per subject and third year: R264 - R1628 per subject

## **BANKING**

**Occupation(s):** Bank officer

**Personal requirements:** Ability to work with figures, financial insight, reliability; responsibility and honesty

**Nature of work:** Receives deposits, lends money, facilitates fixed investments and gives financial advice

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Banking

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D+ symbol average

**Subjects required:** First and Second Language HG

**Subjects recommended:** Accounting and/or Mathematics

**Selection:** Computer aptitude and numeracy test

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma:** Banking

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** First Language HG (E symbol) or SG (D symbol) and good passes in Mathematics and/or Accounting

**Selection:** Academic merit

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma:** Banking

**Duration:** 3 years (12 weeks practical vacation work in a bank is required)

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects recommended:** Accounting

**Selection:** Academic achievement

**Fees:** R485 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Banking

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Accounting HG (D symbol) or SG (C symbol)

**Subjects recommended:** Mathematics

**Selection:** Selection test and personal interview

**Fees:** Approximately R670 per subject p.a.

## BEAUTY TECHNOLOGY

**Occupation(s):** Beauty technologist

**Personal requirements:** Enjoys working with people physically, tactful, sensitive, sympathetic, respectful and well-groomed

**Nature of work:** Activities include treatments such as massage; electrotherapy; hydrotherapy; nutritional guidance; manicure and pedicure; face and body treatment

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Beauty Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D symbol aggregate

**Subjects required:** First Language HG and Second Language SG and Biology or Physiology with not less than 55% average

**Subjects recommended:** Physical Science

**Additional requirements:** A medical certificate

**Selection:** Personal interview

**Fees:** First year: approximately R6720; second year: approximately R5785; third year: approximately R3960

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Beauty Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Physical Science and Biology

**Additional requirements:** A medical certificate

**Selection:** Possible interviews

**Fees:** First year: R5280 (R1255 per sub-

ject); second year: R4930 (R1170 per subject); third year: R5580 (R1330 per subject)

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma:** Beauty Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects recommended:** Biology and/or Art SG

**Selection:** Academic achievement and possible personal interview

**Fees:** R550 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma:** Beauty Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Biology HG (E symbol) or SG (D symbol)

**Subjects recommended:** Physical Science  
**Additional requirements:** Medical certificate

**Selection:** Academic achievement and personal interview

**Note:** Only for female students

**Fees:** First year: R502 - R952 per subject; second year: R502 - R516 per subject; third year: R516 - R528 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Beauty Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Biology, Physical

Science, Business Economics

**Selection:** Selection tests and personal interview

**Fees:** R630 per subject p.a.

## **BIOMEDICAL TECHNOLOGY/ MEDICAL LABORATORY TECHNOLOGY**

**Occupation(s):** Medical technologist

**Personal requirements:** Dedication, accuracy, neatness and ability to concentrate under tiring conditions

**Nature of work:** Assists the medical doctor to diagnose and monitor sickness by carrying out various laboratory tests. The main avenues of the work are diagnostic analysis of tissue, research work, the preparation of vaccines and medicines and blood transfusion technology

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Biomedical Technology

**Duration:** 3 years full-time and a fourth year of internship in a registered training laboratory

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D symbol aggregate

**Subjects required:** First Language HG, Second Language SG, Mathematics, Physical Science and Biology HG (E symbol) SG (D symbol)

**Selection:** Psychometric or aptitude tests or a personal interview

**Fees:** First year: R330 - R500 per subject per semester; second year: R500 per subject per semester; third year: R560 per subject per semester

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Medical Technology

**Duration:** 3 years full-time (6 months experiential training)

**Entry qualification:** Senior Certificate

without university admission (HG or SG subjects only)

**Subjects required:** Mathematics HG (E symbol) or SG (C symbol), English, Physical Science and Biology

**Selection:** Academic achievement

**Fees:** R3720 p.a.

**Venue:** Mangosuthu Technikon

English medium

**National Diploma: Medical Laboratory Technology**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 5 subjects on HG or SG

**Subjects required:** English HG (E symbol). Mathematics, Physical Science and Biology HG (E symbol) or SG (D symbol)

**Selection:** Admission subject to selection

**Fees:** R2060 per semester or R585 per subject

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Biomedical Technology**

**Duration:** 3 years full-time (one semester experiential training). If the student wants to become a medical technologist he/she must complete a one-year in-service training internship

**Entry qualification:** Senior Certificate without university admission

**Fees:** Approximately R115 - R402 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Biomedical Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol) and good pass marks in Mathematics, Physical Science

and Biology

**Selection:** Academic merit

**Note:** This course is subject to approval by the Minister of National Education

**Fees:** R380 - R590 per subject

**Venue:** Technikon Northern Transvaal

English medium

**National Diploma: Medical Laboratory Technology**

**Duration:** 3 years full-time: 5 semesters formal training and 1 semester experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics, Physical Science, Biology and English. A minimum E symbol in all four subjects is required and at least two of the science subjects should be at HG

**Selection:** Aptitude tests

**Note:** 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Biomedical Technology**

**Duration:** 30 months formal training and 6 months experiential training in an approved laboratory

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if it is not required in the programme of study

**Subjects required:** Mathematics, Physical Science and Biology SG 50%

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R500 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Medical Laboratory Technology**

**Duration:** 3 years: 5 semesters formal

training and 1 semester appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science SG 40%, but preferably at HG level

**Subjects recommended:** Biology, preferably HG level

**Selection:** Admission is subject to selection

**Fees:** First semester: R450 - R546 per subject; second semester: R542 - R730 per subject; third semester: R562 - R582; fourth semester: R542 - R582 per semester; fifth semester: R570 - R586 per subject; sixth semester: R556 (only one subject)

**Venue:** Technikon Witwatersrand Afrikaans or English medium

**National Diploma: Biomedical Technology**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Physical Science, Mathematics and Biology HG (D symbol) or SG (C symbol)

**Selection:** Selection test, personal interview and entrance examination

**Fees:** Approximately R580 per subject p.a.

**Venue:** Vaal Triangle Technikon Afrikaans and English medium

**National Diploma: Medical Laboratory Technology**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG

**Subjects required:** Both official languages HG or SG. Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Selection:** Point rating system and possible placement test

**Fees:** First - fourth semester: R2012 per

semester; fifth semester: R250; sixth semester: R2012

## BIOTECHNOLOGY

**Occupation(s):** Biotechnologist

**Personal requirements:** An interest in the origin and retaining of life and concerned with the practical application of scientific knowledge

**Nature of work:** Biotechnology is the study of living organisms and the application of these organisms for industrial purposes or environmental control. Career opportunities exist in the fields of research and development, waste processing and recycling, manufacturing or environmental control and education

**Venue:** M.L. Sultan Technikon English medium

**National Diploma: Biotechnology**

**Duration:** 3 years: 24 months formal training and 12 months experiential training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** HG passes in English, Mathematics, Physical Science and Biology  
**Fees:** R3720 p.a.

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Biotechnology**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Biology or Physical Science. English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Note:** Preference to candidates with both science subjects

**Fees:** R2730 per semester (R635 per subject)

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma:** Biotechnology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science HG (D symbol) or SG (C symbol)

**Subjects recommended:** Biology

**Selection:** Selection tests, personal interview and an entrance examination

**Fees:** R580 per subject p.a.

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma:** Biotechnology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG (official languages included)

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Selection:** Points system

**Fees:** R2012 per semester

## **BUILDING**

**Occupation(s):** Building surveyor; Construction supervisor

**Personal requirements:** Practical, ability to communicate verbally and graphically, ability to visualise building work, aptitude for figures, accuracy and perseverance

**Nature of work:** The task encompasses cost accounting, the placing of orders for material and the delivery thereof, as well as the control of payment during the different stages of a construction project

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Building

**Duration:** 3 years full-time: 2 years for-

mal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects (only subjects on HG and SG are acceptable)

**Subjects required:** English and Afrikaans (with the First Language on HG) and Mathematics SG (E symbol) or N3 Mathematics (60%)

**Selection:** Psychometric tests

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Building

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Mathematics

**Selection:** Merit

**Fees:** R3720 p.a.

**Venue:** Mangosuthu Technikon

English medium

**National Diploma:** Building

**Duration:** 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English, Mathematics and a science subject

**Selection:** Candidates subject to selection

**Fees:** R1900 per semester

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Building

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission or NTC III

**Subjects required:** Mathematics for Senior Certificate. Mathematics and First and

Second Language SG (Senior Certificate level) for NTC III

**Subjects recommended:** Woodwork, Physical Science, Technical Drawings

**Selection:** Academic achievement

**Fees:** Approximately R115 - R462 per subject

**Venue:** Port Elizabeth Technikon Afrikaans and English medium

**National Diploma:** Building

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects or a four subject N3 certificate plus both official languages at Senior Certificate level

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Subjects recommended:** Mathematics, Physical Science, Woodwork, Technical Drawing

**Selection:** Academic merit

**Fees:** R190 - R660 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Building

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics HG or SG

**Fees:** First and third year: R4720 p.a. (R1115 per subject); second year: R600 per subject (only 3 subjects)

**Venue:** Technikon Northern Transvaal English medium

**National Diploma:** Building

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (C symbol aggregate) OR successful completion of the Potentiality Development Programme OR N4 with at least 5 appropriate subjects

**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. N4: Mathematics (60%) and English

**Selection:** Aptitude tests

**Note:** A Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma:** Building

**Duration:** 3 years: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG or SG

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R245 - R485 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga Campus)

Afrikaans or English medium

**National Diploma:** Building



**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Mathematics (preferably on HG)

**Selection:** Academic achievement

**Fees:** First year: R224 - R718 per subject; second year: R370 per subject; third year: R760 - R786 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Building**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Subjects recommended:** Woodwork, Metalwork

**Selection:** Selection and Language proficiency tests and personal interview

**Fees:** Approximately R760 per subject p.a. or approximately R380 per subject per semester

**Venue:** Transkei Technikon  
English medium

**National Diploma: Building**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Selection:** Candidates subject to selection  
**Fees:** R3950 p.a.

## **BUSINESS ADMINISTRATION**

**Occupation(s):** Office manager; Office supervisor; Secretary; Personal assistant; Administrative officer

**Personal requirements:** Organised, self-motivated, people-orientated, honest, dependable and loyal, interested in working

in a modern technological office

**Nature of work:** This diploma is aimed at providing the business world with highly trained personnel, equipped with a comprehensive range of technological and managerial skills to fulfil the needs of the ever-changing business environment at operational and supervisory levels

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma: Business Administration**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D+ symbol average

**Subjects required:** Afrikaans and English HG (D symbol)

**Selection:** Computer aptitude and numeracy test

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Business Administration**

**Duration:** 3 years full-time (experiential training included)

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** English First Language HG (D symbol) or SG (C symbol). Preference will be given to students with Typing, Accounting and Computer Studies

**Selection:** Candidates will be subject to selection

**Fees:** R2475 p.a.

**Venue:** Port Elizabeth Technikon  
Afrikaans or English medium

**National Diploma: Business Administration**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** Two languages HG (E symbol) or SG (D symbol) - including the language to be taken in the diploma course  
**Selection:** Academic merit  
**Fees:** R520 - R720 per subject

**Venue:** Setlogelo Technikon  
English medium  
**National Certificate: Business Administration**  
**Duration:** 1 year full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Afrikaans or Communication or English (E symbol) and Accounting on Senior Certificate level or Financial Accounting I  
**Subjects recommended:** Typing, Economics, Business Economics  
**Selection:** Points system  
**Fees:** R175 per subject per semester

**Venue:** Setlogelo Technikon  
English medium  
**National Higher Certificate: Business Administration**  
**Duration:** 2 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Afrikaans or Communication or English (E symbol) and Accounting on Senior Certificate level or Financial Accounting I  
**Subjects recommended:** Typing, Economics, Business Economics  
**Selection:** Points system  
**Fees:** R175 per subject per semester

**Venue:** Setlogelo Technikon  
English medium  
**National Diploma: Business Administration**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Afrikaans or Communication or English (E symbol) and Accounting on Senior Certificate level or

Financial Accounting I  
**Subjects recommended:** Typing, Business Economics, Economics  
**Selection:** Points system  
**Fees:** R175 per subject per semester

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Business Administration**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study  
**Subjects required:** English First Language HG (D symbol) or SG (C symbol) or English Second Language HG (C symbol) or SG (B symbol)  
**Selection:** Points system  
**Fees:** R4880 p.a. (R1115 per subject)

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma: Business Administration**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study  
**Subjects recommended:** Typing, Commercial subjects  
**Selection:** Academic achievement  
**Fees:** R485 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga Campus); Technikon Pretoria (Nelspruit Campus); Technikon Pretoria (Witbank Campus)  
Afrikaans or English medium  
**National Diploma: Business Administration**  
**Duration:** 3 years full-time (also part-time

if more than 15 students enrol). Nine weeks' experiential training is required  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Afrikaans and English HG (D symbol) or SG (C symbol), Typing SG (35 w.p.m. and preferably SG with D symbol or higher) or an equivalent typing course

**Subjects recommended:** Business Economics HG or SG, Economics HG or SG, Accounting HG or SG

**Selection:** Academic achievement

**Note:** Only for female students

**Fees:** First year: R642 - R762 per subject; second year: R642 - R860 per subject; third year: R642 - R860 per subject

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma:** Business Administration

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on the HG or SG, which include the official languages

**Subjects recommended:** Business Economics, Economics, Mercantile Law, Accounting, Computer Science and Typing

**Selection:** Swedish points system

**Fees:** First and second year: R2027 p.a.; third year: R2042

## **BUSINESS COMPUTING**

**Occupation(s):** Secretary; Personal assistant; Administrative officer; Office supervisor

**Personal requirements:** Organised, self-motivated, people-orientated, hard-working, ability to maintain confidentiality, ability to implement decisions

**Nature of work:** Integrates a wide variety of electronic office equipment to ensure the efficient running of an office

**Venue:** Border Technikon

English medium

**National Diploma:** Business Computing

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Typing, Accounting

**Selection:** Academic merit

**Note:** A one-year, full-time Pre-Secretarial course, which provides entrance to this Diploma, may be followed if the student's qualifications do not meet the admission requirements

**Fees:** 1993: First and second year: R2350 p.a.; third year: R2040

## **BUSINESS EDUCATION**

**Venue:** Technikon SA

Afrikaans and English medium

**National Preliminary Certificate:** Business Education

Correspondence course;

**Duration:** 1 year

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject

## **BUSINESS STUDIES**

**Venue:** Mangosuthu Technikon

English medium

**Certificate in Business Studies**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission (E symbol average)

**Subjects required:** English HG (E symbol)

**Selection:** Candidates subject to selection

**Fees:** R1430 per semester

## **CARTOGRAPHY**

**Occupation(s):** Cartographer

**Personal requirements:** Ability to put

ideas on paper, an aptitude for drawing, good spatial perception and ability to work with detail

**Nature of work:** Compiles maps from photographs, field records, manuscripts, other maps and statistical reports; processes source material, applies photolithography, photographic processing techniques and computer technology

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Cartography

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects (only subjects on HG and SG are acceptable)

**Subjects required:** First Language HG and Second Language SG. Mathematics SG (D symbol) or HG (E symbol) or N4 Mathematics (at least 50%)

**Selection:** Psychometric tests, aptitude tests or personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma:** Cartography

**Duration:** 3 years: 4 semesters theoretical training and 2 semesters experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (C symbol)

**Selection:** Academic achievement

**Fees:** First semester: R224 - R480 per subject; second semester: R254 - R452 per subject; third semester: R386 - R456 per subject; fourth semester: R386 - R506 per subject

## CATERING MANAGEMENT

**Occupation(s):** Catering manager

**Personal requirements:** Innovative, enjoys food preparation, appreciates hospitality, ability to take pressure and hard work

**Nature of work:** Applies catering management techniques; does menu planning for hotels, restaurants, banquets and functions; does costing and cost control and applies accounting practices

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Catering Management

**Duration:** 3 years full-time (6 months practical training included)

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** English and Afrikaans HG or SG

**Selection:** Personal interview

**Fees:** R3720 p.a.

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Catering Management

**Duration:** 3 years full-time: 30 months formal training and 6 months experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Selection:** Academic merit and personal interview

**Fees:** R4900 p.a. (R1160 per subject)

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Catering Management

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** One language on HG

**Subjects recommended:** Accounting, Third Language

**Additional requirements:** Practical experience (also part-time) in a hotel, restaurant or related industry, will serve as a strong recommendation

**Selection:** Selection test

**Fees:** Approximately R670 per subject p.a. or approximately R380 per subject per semester

## **CERAMIC DESIGN**

**Occupation(s):** Ceramic designer

**Personal requirements:** Artistic, innovative and appreciates tactile as well as visual quality in artistic objects

**Nature of work:** Supply functional and decorative ceramic designs to the public. Ceramics may also include large-scale architectural panels and sculptures. The work may be done by way of mass production in a pottery factory, or work of a more individual nature may be done in a studio

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma in Ceramic Design**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** First Language HG (E symbol) or SG (D symbol). Preference will be given to students with one HG level content subject (i.e. Physics, Physical Science, History, History of Art, etc.)

**Selection:** Academic merit. An interview, portfolio of work and/or an examination may also be required

**Fees:** R720 - R870 per subject

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma in Ceramic Design**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a mini-

imum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Selection:** Academic achievement, aptitude and interest in art

**Fees:** First year: R450 per subject; second and third year: R795 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma in Ceramic Design**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Selection:** Academic achievement and a personal interview

**Fees:** First year: R474 - R790 per subject; second year: R488 - R788 per subject; third year: R502 - R802 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Ceramic Design**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Art

**Selection:** Portfolio with examples of work, practical examination, personal interview, written component

**Fees:** Approximately R480 per subject

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma in Ceramic Design**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG (official languages included)

**Subjects recommended:** Physical Science, Mathematics and Art

**Selection:** Points system, selection interview and portfolio of works of art

**Fees:** First year: R3283; second year: R3033; third year: R3102

## **CERAMIC TECHNOLOGY**

**Occupation(s):** Ceramic technologist

**Personal requirements:** Scientifically orientated, innovative, creative, good perceptivity

**Nature of work:** The work is laboratory orientated, and involves the scientific process in the creation of tiles, bricks, porcelain, fireproof products, glass etc.

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma:** Ceramic Technology

**Duration:** 3 years: 3 semesters formal training and 3 semesters experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects recommended:** Physical Science and Mathematics

**Selection:** Academic achievement

**Fees:** First semester: 4 subjects @ R450 per subject; second semester: 8 subjects @ R464 per subject; third semester: R464 - R474 per subject

## **CERTIFICATE PROGRAMME**

**Venue:** Technikon SA  
Afrikaans and English medium

**Certificate Programme**

Correspondence course

**Fields:** Accounting; Business Studies; Botany; Company Administration; Government Finance; Horticulture; Horticulture Management; Horticulture: Mechanisation; Horticultural Practices; Industrial Relations; Internal Auditing; Landscape Design; Local Government Finance; Marketing; Method & Time Measurement; Municipal Administration; Packaging Management; Personnel Management; Public Management and Administration; Purcha-

sing Management; Plant Breeding; Plant Pest Control; Printing Management; Production Management; Real Estate; Registration of Deeds; Retail Business Management; Safety Management; State Accounts & Finance: Inland Revenue; Tax and Law; Turfgrass Management; Urban Environmental Management; Work Study: Factories; Work Study: Offices; Work Study: Civil Services;

**Duration:** 1 year

**Entry qualification:** Senior Certificate without university admission with not more than two subjects on the LG, which may not include English or Afrikaans

**Note:** Certificate programmes are intended for NEW students only and not for existing diploma students. Each certificate relates to a particular diploma or group of diplomas. It acts as an access path to a national diploma with full subject credits. Students who are not certain as to which direction to study, may choose subjects from different diplomas and after self-evaluation of their progress, make a choice, retaining credit for appropriate subjects passed

**Fees:** R390 per subject

## **CHARTERED SECRETARIES AND ADMINISTRATORS**

**Occupation(s):** Chartered secretary; Chartered administrator

**Personal requirements:** Numeracy, literacy, objective thought, analytical skills and sensitivity to a changing business environment

**Nature of work:** Maintains effectiveness in a changing environment and keeps abreast of developments by ensuring that the company is legally constituted, economically viable and organised to derive optimal productivity

**Venue:** Technikon Natal  
Afrikaans or English medium  
**Institute of Chartered Secretaries and Administrators**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with a minimum of four subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics HG (E symbol) or SG (D symbol) or Accounting HG (D symbol) or SG (C symbol)

**Note:** Candidates who meet all the requirements of CIS, but do not comply with the minimum entrance requirements, may present their application for consideration by the departmental committee

**Fees:** Full-time: R3910 p.a. (R910 per subject). Part-time: R610 per subject

## CHEMICAL ENGINEERING

**Occupation(s):** Chemical engineering technician

**Personal requirements:** Technical, practical, an enquiring mind, systematic and analytical

**Nature of work:** Runs a section of a chemical plant, leads a group of workers, collects information related to a chemical process, analyses samples, solves technical problems and spends time in an office calculating and preparing reports

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma in Chemical Engineering**

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D aggregate

**Subjects required:** Mathematics and Physical Science SG (D symbol) and Afrikaans and English (with the First Language on HG)

**Selection:** Psychometric tests, aptitude tests or personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma in Chemical Engineering**

**Duration:** 3 years full-time (experiential training included)

**Entry qualification:** Senior Certificate without university admission with subjects on the HG or SG

**Subjects required:** Mathematics HG (E symbol) or SG (C symbol) and Physical Science

**Subjects recommended:** Technical Drawing

**Selection:** Academic achievement

**Fees:** R3720 p.a.

**Venue:** Mangosuthu Technikon

English medium

**National Diploma: Chemical Engineering**

**Duration:** 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science

**Selection:** Academic achievement

**Fees:** R1960 per semester

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma in Chemical Engineering**

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Physical Science and Mathematics HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Fees:** Approximately R161 - R393 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma in Chemical Engineering**

**Duration:** 1 year experiential training and 2 years formal training

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol). Mathematics and Physical Science, both on HG

**Fees:** R2590 per semester (R600 per subject)

**Venue:** Technikon Northern Transvaal  
English medium  
**National Diploma in Chemical Engineering**

**Duration:** 6 semesters full-time: 4 semesters formal training and 2 semesters experiential training

**Entry qualification:** Senior Certificate without university admission (C symbol aggregate) OR successful completion of the Potentiality Development Programme OR N4 with at least 5 appropriate subjects

**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. N4: Mathematics (60%) and English

**Selection:** Aptitude tests

**Note:** A Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma in Chemical Engineering**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (C symbol) and a pass in English

**Selection:** Selection test

**Fees:** Approximately R760 per subject p.a. or approximately R380 per subject per semester

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium  
**National Diploma in Chemical Engineering**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG (official languages included)

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Selection:** Points system

**Fees:** First semester: R2120; second semester: R2102; third semester: R2101; fourth semester: R250

## **CHIROPRACTICS**

**Occupation(s):** Chiropractor in training

**Personal requirements:** Observant, dexterous, sympathetic and tactful with patients and ability to work independently

**Nature of work:** Manipulation of parts of the body, especially by means of massaging the vertebra, ultra sound and electrical and heat therapy. The chiropractor does not prescribe medicine or surgery, but prescribes diets, exercise etc. Candidate can only become a chiropractor with a Master's Diploma in Technology: Chiropractics

**Venue:** Technikon Natal  
Afrikaans or English medium



**National Diploma: Chiropractics****Duration:** 3 years full-time**Entry qualification:** Senior Certificate with university admission**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics and/or Physical Science**Subjects recommended:** Biology**Additional requirements:** Applicants must be over 17 years of age and physically fit**Fees:** R6200 p.a. (R1485 per subject)**Venue:** Technikon Witwatersrand Afrikaans or English medium**National Diploma: Chiropractics****Duration:** 3 years full-time**Entry qualification:** Senior Certificate without university admission**Subjects required:** Mathematics and Physical Science HG (D symbol) or SG (C symbol)**Subjects recommended:** Biology HG (D symbol) or SG (C symbol)**Selection:** Entrance examination, personal profile and personal interview**Fees:** R910 per subject p.a.**CIVIL ENGINEERING****Occupation(s):** Civil engineering technician**Personal requirements:** Mathematical ability, ability to think logically, to make decisions independently, to communicate verbally and graphically, to work systematically and as one of a team**Nature of work:** Planning, design, layout, building and maintenance of projects on roads, airports, buildings, dams, irrigation schemes, water supply and purification works**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma in Civil Engineering****Duration:** 3 years full-time**Entry qualification:** Senior Certificate without university admission with six

subjects (only subjects on HG and SG are acceptable)

**Subjects required:** First Language HG and Second Language SG. Mathematics SG (D symbol) or HG (E symbol) or N4 Mathematics (at least 50%) and Physical Science**Selection:** Psychometric tests, aptitude tests or personal interview**Fees:** Approximately R3000 - R6000 p.a.**Venue:** M.L. Sultan Technikon English medium**National Diploma in Civil Engineering****Duration:** 3 years full-time: 2 years formal training and 1 year experiential training**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG**Subjects required:** Mathematics HG, English First Language, Physics or Physical Science and/or Technical Drawing**Selection:** Merit**Fees:** R3720 p.a.**Venue:** Mangosuthu Technikon English medium**National Diploma: Engineering: Civil****Duration:** 3 years: 4 semesters formal training and 2 semesters experiential training**Entry qualification:** Senior Certificate without university admission**Subjects required:** English, Mathematics and a science subject**Selection:** Candidates subject to selection**Note:** Students would normally be required to complete the Pre-Technicians Course successfully before being admitted to the first year**Fees:** R1960 per semester**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma in Civil Engineering****Duration:** 3 years full-time: 24 months formal training and 12 months appropriate

experiential training

**Entry qualification:** Senior Certificate without university admission or NTC III

**Subjects required:** Mathematics HG or SG for Senior Certificate. Mathematics and First and Second Language SG for NTC III

**Subjects recommended:** Woodwork, Physical Science, Technical Drawings

**Selection:** Academic achievement

**Fees:** Approximately R115 - R236 per subject

**Venue:** Port Elizabeth Technikon Afrikaans and English medium

**National Diploma in Civil Engineering**

**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** First Language HG (E symbol) or SG (D symbol), Mathematics and Physical Science

**Selection:** Academic merit

**Fees:** R190 - R380 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Engineering: Civil**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Fees:** First and third year: R2640 per semester (R615 per subject)

**Venue:** Technikon Northern Transvaal English medium

**National Diploma in Civil Engineering**

**Duration:** 6 semesters full-time: 4 semesters formal training and 2 semesters experiential training

**Entry qualification:** Senior Certificate without university admission (C symbol aggregate) OR successful completion of the Potentiality Development Programme OR N4 with at least 5 appropriate subjects

**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. N4: Mathematics (60%) and English

**Selection:** Aptitude tests

**Note:** A Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma in Civil Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG or SG

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R160 - R315 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Engineering: Civil**

**Duration:** 3 years full-time: 24 months

formal training and 12 months experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (C symbol)

**Selection:** Academic achievement

**Fees:** First semester: R224 - R486 per subject; second semester: R254 - R452 per subject; third semester: R398 - R428 per subject; fourth semester: R406 - R436 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Engineering: Civil**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** First Language HG (D symbol), Second Language HG (E symbol), Mathematics HG (D symbol) and Physical Science

**Subjects recommended:** Computer Science, Geography

**Selection:** Selection tests and personal interview (if required)

**Fees:** Approximately R760 per subject p.a. or approximately R380 per subject per semester

**Venue:** Transkei Technikon

English medium

**National Diploma: Civil Engineering**

**Duration:** 3 years full-time (6 months experiential training included)

**Entry qualification:** Senior Certificate without university admission

**Selection:** Candidates subject to selection

**Fees:** R3950 p.a.

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Engineering: Civil**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG OR N3 with a minimum of 4 subjects (minimum pass mark 50%)

**Subjects required:** Senior Certificate: Mathematics, Physical Science and both official languages HG or SG. N3: Mathematics and Engineering Science (50%) plus English and Afrikaans on N3 level

**Selection:** Points system

**Fees:** First semester: R2015; second semester: R2103; third semester: R2027; fourth semester: R2027

## **CIVIL ENGINEERING: AGRICULTURE**

**Occupation(s):** Civil engineering technician (Agriculture)

**Personal requirements:** Ability to work as part of a team, to be creative, analytical, a keen interest in agricultural activities and good speech and writing ability

**Nature of work:** The work may comprise dam construction and design, drainage systems, irrigation systems (flood and sprinkling systems), flood systems to control run-off water, the control of erosion, watering places for livestock, structures and many more interesting activities

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma in Civil Engineering (Agriculture)**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG or SG

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R160 - R315 per subject

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma:** Civil Engineering:  
Agriculture

**Duration:** 3 years: 24 months formal training and 12 months experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (C symbol)

**Subjects recommended:** Mechanics and Technical Drawing

**Selection:** Academic achievement

**Fees:** First semester: R372 - R418 per subject; second semester: R348 - R450 per subject; third semester: R384 - R464 per subject; fourth semester: 4 subjects @ R394 per subject

## CLINICAL TECHNOLOGY

**Occupation(s):** Clinical technologist

**Personal requirements:** Very accurate, ability to work in a team, devoted and honest

**Nature of work:** Clinical technologists play an important role in the medical team. The clinical technologist is responsible for specialised investigatory and corrective procedures on patients. This group is on standby for emergency calls and is expected to participate in research projects

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma:** Clinical Technology

**Duration:** 3 years full-time: 12 months training at the Technikon and 24 months further training under the supervision of qualified technologists and medical doctors

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D symbol

average

**Subjects required:** First Language HG and Second Language SG. Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Subjects recommended:** Biology

**Additional requirements:** Learner technologists must be employed by a training hospital before they are accepted for registration at the Technikon

**Selection:** Psychometric tests, aptitude tests or personal interview

**Note:** Registration as a qualified technologist is only obtained after 4 years of training

**Fees:** First semester: 3 subjects @ R470 per subject and 1 subject @ R500; second semester: 4 subjects @ R470 per subject

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma:** Clinical Technology

**Duration:** 3 years: 1 year full-time training at the Technikon and 2 years' additional theoretical and practical training at an approved training unit

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Mathematics, English, Physical Science and Biology

**Subjects recommended:** Physical Science  
**Selection:** Merit and possible personal interview

**Fees:** R3720 p.a.

**Venue:** Technikon OFS  
Afrikaans or English medium

**National Diploma:** Clinical Technology

**Duration:** 3 years full-time: 12 months formal training and 24 months experiential training at a registered hospital

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects required:** Mathematics, Physical

Science and Biology SG or HG (50%)  
**Selection:** Academic achievement and personal interview if necessary  
**Fees:** R500 per subject

## CLOTHING

**Occupation(s):** Home economist; Consumer adviser

**Personal requirements:** Ability to maintain good interpersonal relationships as well as initiative and a practical orientation in the work situation

**Nature of work:** Making knowledge available to individuals, families and communities so that they can effectively utilise resources. They are well prepared to act in an advisory capacity regarding food, clothing, textiles and interior decoration. They may also work in the fields of advertising, promotion and public relations

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma:** Clothing

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects recommended:** Biology, Physical Science or Domestic Science HG or SG

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R550 per subject

## CLOTHING PRODUCTION

**Occupation(s):** Clothing production manager

**Personal requirements:** Able to apply resolutions practically, to reason logically, to think objectively and innovatively, able to conduct consultations and maintain good human relations

**Nature of work:** Management of the apparel business, ensures the production of goods at the right time and at the right

price to the satisfaction of the customers and uses communication skills in industrial communication situations

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma:** Clothing Production

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects (only subjects on HG and SG are accepted)

**Subjects required:** First Language HG and Second Language SG

**Subjects recommended:** Mathematics, Accountancy, Business Economics

**Selection:** Psychometric and numeracy tests and a possible interview

**Fees:** First year: R3750; second year: R3940; third year: R2250

**Venue:** Peninsula Technikon  
Afrikaans or English medium  
**National Diploma:** Clothing Production

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English and Afrikaans of which one must have been obtained on HG

**Subjects recommended:** Needlework, Accounting, Business Economics, Mathematics

**Selection:** Personal interview

**Fees:** First year: approximately R184 per subject; second year: approximately R161 per subject; third year: approximately R368 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma:** Clothing Production

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Mathematics

**Selection:** Personal interview

**Fees:** First and second year: R4930 p.a. (R1170 per subject); third year: R2840 per semester (R665 per subject)

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma:** Clothing Production

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Accounting, Business Economics, Mathematics

**Selection:** Entrance examination

**Fees:** Approximately R480 per subject

## COAL MINING

**Occupation(s):** Mining technician

**Personal requirements:** Physically active, able to work underground, to adapt to change and able to work with people of all races

**Nature of work:** Runs a production section, makes logical decisions, applies theory to practical situations and makes technical contributions to the economical and operational aspects of mining

**Venue:** Technikon SA

Afrikaans or English medium

**National Diploma:** Coal Mining

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Subjects required:** Mathematics

**Subjects recommended:** Chemistry, Physics

**Additional requirements:** Employed on a mine or be in a mining related career

**Fees:** R430 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Coal Mining

**Duration:** 3 years full-time (experiential training included)

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics HG (E symbol) or SG (D symbol)

**Subjects recommended:** Physical Science

**Additional requirements:** A physical fitness 'Red Ticket' from the Medical Bureau is required

**Selection:** Merit and interviews

**Note:** A Pre-Technicians' programme is available for persons who do not comply with the minimum entrance requirements

**Fees:** Approximately R480 per subject

## COMMERCIAL PRACTICE

**Occupation(s):** Administrative officer; Secretary

**Personal requirements:** Accuracy, ability to solve problems and likes to organise and manage people

**Nature of work:** Identifies and solves problems, implements new work situations, administers the company and keeps necessary documentation

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Commercial Practice

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Both official languages. English and Accountancy HG (E symbol) or SG (D symbol)

**Fees:** R2475 p.a.

**Venue:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho Campus)

English medium

**National Diploma:** Commercial Practice

**Duration:** 3 years full-time or part-time at the Mmabatho Campus

**Entry qualification:** Senior Certificate without university admission (E symbol)  
**Subjects required:** Accounting and Mathematics HG (E symbol) or SG (D symbol)  
**Subjects recommended:** Business Economics, Economics  
**Selection:** Points system  
**Fees:** R175 per subject per semester

**Venue:** Technikon SA  
Afrikaans or English medium  
**National Diploma:** Commercial Practice Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the 2 subjects on LG must exclude the official languages)  
**Fees:** R390 per subject

## COMMUNITY EXTENSION

**Venue:** Mangosuthu Technikon  
English medium  
**National Diploma:** Community Extension  
**Duration:** 3 years (experiential training included)  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** English HG (E symbol)  
**Subjects recommended:** Mathematics, Physical Science, Home Economics, Biology and/or Agricultural Science  
**Selection:** Candidates subject to selection  
**Fees:** R1845 per semester

## COMPANY ADMINISTRATION

**Occupation(s):** Company secretary  
**Personal requirements:** Accuracy, self-motivated, hard-working and likes to organise and manage people, to negotiate with people at all levels  
**Nature of work:** Administer a company and keep the necessary documentation, identify, analyse and solve problems, implement new work situations

**Venue:** Technikon SA  
Afrikaans or English medium  
**National Diploma:** Company Administration  
Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a maximum of 2 subjects on LG (the 2 subjects on LG must exclude the official languages)  
**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma:** Company Administration  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects recommended:** Accountancy or Mathematics  
**Selection:** Selection test  
**Fees:** Approximately R670 per subject p.a. or approximately R380 per subject per semester

## COMPUTER SYSTEMS

**Occupation(s):** Computer systems technician  
**Personal requirements:** Good eyesight and colour-sensitiveness, ability to communicate, manual dexterity and good eye-hand co-ordination  
**Nature of work:** Responsible for the installation, maintenance and repair of the computer

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma:** Computer Systems  
**Duration:** 3 years: 2 years formal training and 1 year experiential training  
**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG  
**Subjects required:** Afrikaans and English: First Language HG and Second Language SG. Mathematics and Physical Science HG (E symbol) or SG (D symbol) or N4 Math-

ematics and another related engineering subject such as N4 Electrotechnics, N4 Digital Electronics or N4 Engineering Science

**Selection:** Academic achievement. Candidates shall also be subjected to psychometric and aptitude evaluation, language proficiency tests, etc.

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Computer Systems**

**Duration:** 3 years full-time: 2 years formal training and 1 year in-service training

**Entry qualification:** Senior Certificate without university admission with subjects on the HG or SG

**Subjects required:** Mathematics HG (E symbol) or SG (D symbol)

**Subjects recommended:** Physical Science

**Selection:** Merit

**Fees:** R1860 per semester

**Venue:** Setlogelo Technikon  
English medium

**National Diploma: Computer Systems**

**Duration:** 3 years: 2 years formal training and 1 year in-service training

**Entry qualification:** Senior Certificate without university admission (E symbol)

**Subjects required:** Mathematics HG (E symbol) or SG (D symbol)

**Subjects recommended:** Accounting, English, Mathematics

**Selection:** Points system

**Fees:** R175 per subject per semester

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma: Computer Systems**

**Duration:** 3 years full-time: 4 semesters formal training and 2 semesters experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in

the programme of study

**Subjects required:** Physical Science and Mathematics HG 50% or SG 60%

**Selection:** Selection test

**Fees:** First semester: R194 - R462 per subject; second semester: R386 - R472 per subject; third semester: R434 - R484 per subject; fourth semester: R398 - R746 per subject

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium

**National Diploma: Computer Systems**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG (official languages included)

**Subjects required:** Mathematics HG or SG

**Subjects recommended:** Computer Science, Physical Science

**Selection:** Points system

**Fees:** First semester: R2297; second semester: R2209; third semester: R2190; fourth semester: R1790

## COMPUTER SYSTEMS : ENGINEERING

**Venue:** Technikon OFS  
Afrikaans or English medium

**National Diploma: Computer Systems (Engineering)**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG or SG

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R160 - R315 per subject



## **CORRECTIONAL SERVICES MANAGEMENT**

**Venue:** Border Technikon  
English medium  
**National Diploma:** Correctional Services  
**Management**  
**Duration:** 4 years part-time  
**Entry qualification:** Senior Certificate  
without university admission  
**Selection:** Academic achievement  
**Note:** 1993 information  
**Fees:** First year: R1660; second year:  
R1245; third year: R1300; fourth year:  
R1355

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma:** Correctional Services  
**Management**  
**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate  
without university admission and without  
any lower grade subjects  
**Subjects required:** First Language HG (E  
symbol) or SG (D symbol)  
**Selection:** Academic achievement

**Venue:** Technikon Pretoria; Technikon  
Pretoria (Nelspruit Campus); Technikon  
Pretoria (Witbank Campus)  
Afrikaans or English medium  
**National Diploma:** Correctional Services  
**Management**  
**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate  
without university admission with a maxi-  
mum of two subjects on LG. Subjects on  
LG are acceptable only if not required in  
the programme of study  
**Additional requirements:** Students must  
be employed by a Correctional Services  
institution  
**Selection:** Academic achievement  
**Fees:** First year: R484 - R762 per subject;  
second year: R642 - R860 per subject;  
third year: R660 - R928 per subject

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma:** Correctional Services  
**Management**  
Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate  
without university admission with a maxi-  
mum of two subjects on LG (the two  
subjects on LG must exclude the official  
languages)  
**Additional requirements:** Permanent  
member of the SA Correctional Services or  
prison services of the TBVC countries or  
National Self-governing States  
**Note:** Students without a National Senior  
Certificate or equivalent, may write the  
promoting examination for Correctional  
Services Administration I, II or III  
**Fees:** R390 per subject

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium  
**National Diploma:** Prison Management  
**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate  
without university admission with at least  
4 subjects on HG or SG, which must  
include the official languages  
**Selection:** Swedish points system

## **COST AND MANAGEMENT ACCOUNTING**

**Occupation(s):** Cost accountant  
**Personal requirements:** Natural aptitude  
for figures, a systematic approach to prob-  
lems, good human relations, honesty,  
integrity, a critical attitude  
**Nature of work:** The cost accountant is a  
central figure in the management of many  
business concerns and has the important  
role of a well-qualified accountant, as well  
as a management advisor. His services are  
required in production control, the cal-  
culation of production costs and the prepa-  
ration of tender documents

**Venue:** Border Technikon  
English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** English and Mathematics HG (E symbol)  
**Selection:** Academic merit  
**Fees:** 1993: First year: R2075; second year: R1660; third year: R1880

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D+ symbol average  
**Subjects required:** First and Second Language HG and Accounting  
**Subjects recommended:** Mathematics  
**Selection:** Computer aptitude and numeracy test  
**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG  
**Subjects required:** Accounting HG (E symbol) or SG (D symbol), English, Afrikaans and Mathematics  
**Fees:** R2475 p.a.

**Venue:** Mangosuthu Technikon  
English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time or 4 years

part-time  
**Entry qualification:** Senior Certificate without university admission with a D average (50%)  
**Subjects required:** English and Accounting or Mathematics HG (D symbol)  
**Selection:** Candidates subject to selection  
**Fees:** R1430 per semester

**Venue:** Peninsula Technikon  
Afrikaans or English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Accounting and Mathematics HG (E symbol) or SG (D symbol)  
**Additional requirements:** Proficiency in languages and good analytical skills  
**Selection:** Academic achievement  
**Fees:** Approximately R366 - R500 per subject

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects  
**Subjects required:** First Language HG (E symbol) or SG (D symbol)  
**Subjects recommended:** Accounting and/or Mathematics and/or Commercial Mathematics  
**Selection:** Academic achievement

**Venue:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho Campus)  
English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time or part-time at the Mmabatho Campus  
**Entry qualification:** Senior Certificate

without university admission (E symbol)  
**Subjects required:** Accounting and Mathematics HG (E symbol) or SG (D symbol)  
**Subjects recommended:** Economics  
**Selection:** Points system  
**Fees:** R175 per subject per semester

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics HG (E symbol) or SG (D symbol)  
**Selection:** Possible interview  
**Fees:** R4010 p.a. (R940 per subject)

**Venue:** Technikon Northern Transvaal  
English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission, with at least an E symbol aggregate  
**Subjects required:** English and Accounting HG (E symbol) or SG (D symbol)  
**Selection:** Academic achievement  
**Note:** 1992 information  
**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with a mini-

imum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study  
**Subjects recommended:** Accounting  
**Selection:** Academic achievement  
**Fees:** R485 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Nelspruit Campus)  
Afrikaans or English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study  
**Selection:** Academic achievement  
**Fees:** Full-time: first year: R642 - R722 per subject; second year: R660 - R662 per subject; third year: R642 - R758 per subject. Part-time: first year: 3 subjects @ R642 per subject; second year: R660 - R662 per subject; third year: R642 - R678 per subject; fourth year: R722 - R758 per subject

**Venue:** Technikon SA  
Afrikaans or English medium  
**National Diploma: Cost and Management Accounting**  
Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)  
**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma: Cost and Management Accounting**  
**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics or Accounting HG (E symbol) or SG (C symbol)

**Selection:** Selection test

**Fees:** Approximately R670 per subject p.a. or approximately R380 per subject per semester

**Venue:** Transkei Technikon

English medium

**National Diploma: Cost and Management Accounting**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Accounting HG (E symbol) or SG (D symbol), English (E symbol), Economics (D symbol)

**Selection:** Academic achievement, relevant subjects and a personal interview

**Fees:** R3650 p.a.

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Cost and Management Accounting**

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG (official languages included)

**Subjects recommended:** Business Economics, Economics, Mercantile Law, Accounting, Mathematics

**Selection:** Points system

**Fees:** First year: R3072; second year: R2212; third year: R2167

## CREDIT MANAGEMENT

**Occupation(s):** Credit manager; Credit controller

**Personal requirements:** Pleasant personality and appearance, ability to speak and write effectively, discreet but firm, prepared to spend most of the time doing calculations

**Nature of work:** Responsible for opening

accounts for prospective customers in accordance with the company's credit policy by investing the creditworthiness of prospective buyers, drawing up the hire purchase contracts and collecting the deposits and payments. The credit controller has the financial authority to accept or reject credit applications

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Credit Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** English HG (E symbol) or SG (D symbol) and a pass in Accounting

**Selection:** Merit

**Fees:** R2475 p.a.

**Venue:** Technikon Pretoria; Technikon Pretoria (Witbank Campus)

Afrikaans or English medium

**National Diploma: Credit Management**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Selection:** Academic achievement

**Fees:** First year: R642 - R692 per subject; second year: R424 - R722 per subject; third year: R660 - R662 per subject; fourth year: R660 - R678 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Credit Management**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject

## DANCE

**Occupation(s):** Theatre dancer; Ballet dancer

**Personal requirements:** Correct physique and temperament; musical and acting ability

**Nature of work:** Usually dances for a company and working hours are long

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma: Contemporary and Africa Dance**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Additional requirements:** Talent for dancing

**Selection:** Audition

**Fees:** First year: R258 per subject; second year: R258 - R264 per subject; third year: R272 per subject

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Certificate: Dance**

**Duration:** 1 year

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Additional requirements:** Intermediate RAD/Cechetti standard

**Selection:** Audition

**Fees:** R258 - R1540 per subject

## DENTAL ASSISTING

**Occupation(s):** Dental assistant

**Personal requirements:** Ability to work with people, friendly, tactful, patient and responsible. Applicants must have good co-ordination skills and personal appearance is important

**Nature of work:** Prepares patient for examination, treatment and surgical procedure, anticipates and passes the required instruments in the correct sequence to the dentist, prepares dental materials and injections, assists in the taking and developing of X-ray photographs etc.

**Venue:** M.L. Sultan Technikon  
English medium

**National Certificate: Dental Assisting**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission

**Fees:** R3720 p.a.

**Venue:** Peninsula Technikon  
Afrikaans or English medium

**National Certificate: Dental Assisting**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Mathematics and/or Physical Science

**Selection:** Academic achievement

**Fees:** Approximately R479 - R580 per subject

**Venue:** Technikon OFS  
Afrikaans or English medium  
**Certificate: Dental Assistants**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects recommended:** Biology SG (D symbol)

**Selection:** Academic achievement and personal interview if necessary

**Fees:** R915 per subject

**Venue:** Technikon Pretoria  
Afrikaans or English medium  
**Certificate: Dental Assistants**  
**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects recommended:** Biology

**Selection:** Academic achievement and personal interview

**Fees:** 4 subjects @ R526 per subject and 1 subject @ R776

## DENTAL TECHNOLOGY

**Occupation(s):** Dental technician

**Personal requirements:** Sound vision, systematic, manual dexterity, accurate, communicates well and able to adjust to laboratory conditions

**Nature of work:** Construction of dental appliances for the treatment and restoration of damaged, diseased, malformed or missing teeth. He manufactures dentures, bridges, crowns, fillings and orthodontic apparatus, working with materials such as plaster, wax, porcelain gold and stainless steel wire. Candidates must be in possession of the National Higher Diploma: Dental Technology, to practice as a Dental technician

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Dental Technology

**Duration:** 3 years full-time: 2 years and 6 months formal training and 6 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and/or Physical Science

**Selection:** Aptitude and manual dexterity test

**Fees:** Approximately R359 - R580 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Dental Technology

**Duration:** 3 years

**Entry qualification:** Senior Certificate

without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Physical Science SG (D symbol) (students without Physical Science will be considered if they have achieved a pass in Mathematics HG with a C symbol)

**Selection:** Aptitude test and personal interview

**Fees:** First and second year: R5680 p.a. (R1355 per subject); third year: R3340 per semester (R790 per subject)

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma:** Dental Technology

**Duration:** 3 years full-time: 30 months formal training and 6 months experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science SG

**Selection:** Psychometric and manual dexterity test, personal interview and academic achievement

**Fees:** First year: R450 - R876 per subject; second year: R542 - R992 per subject; third year: R556 - R956 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Dental Technology

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Physical Science and Mathematics HG (E symbol) or SG (D symbol)

**Subjects recommended:** Biology

**Selection:** Merit, aptitude tests, two practical tests and a personal interview

**Fees:** R760 per subject p.a.

## **DRAMA**

**Occupation(s):** Actor

**Personal requirements:** Self-confidence, ability to project personality and emotions, creative and talent for languages

**Nature of work:** Acts on stage or becomes involved in film, television or radio productions

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma:** Drama

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and with a minimum of four subjects on HG and/or SG, official languages included (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Selection:** Audition (monologue/poem)

**Fees:** R4060 p.a.

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma:** Drama

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Selection:** Audition

**Fees:** First year: 4 subjects @ R258 per subject and 1 subject @ R408; second year: 5 subjects @ R264 per subject; third year: 5 subjects @ R272 per subject

## **DRESSMAKING AND PATTERN CONSTRUCTION**

**Occupation(s):** Pattern designer; Tailor

**Personal requirements:** An interest in style, colour and fashion

**Nature of work:** Designs, cuts and makes clothing according to requirements

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium

**National Certificate:** Dressmaking and Pattern Construction

**Duration:** 1 year

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG (official languages included)

**Subjects recommended:** Home Economics, Needlework, Typing

**Selection:** Points system

**Fees:** R3388

## **DRILLING PRACTICE**

**Venue:** Technikon SA  
Afrikaans and English medium

**National Diploma:** Drilling Practice

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the two official languages)

**Subjects required:** Mathematics

**Subjects recommended:** Chemistry, Physics

**Additional requirements:** Students must be employed in drilling practice or related career

**Fees:** R430 per subject

## **ECONOMIC GEOLOGY**

**Occupation(s):** Geotechnician (Economic)

**Personal requirements:** Self-reliant, dynamic, interested in science and natural history, healthy and will enjoy a physically active job

**Nature of work:** Must be prepared to work under a variety of conditions, including underground and in the open. Runs a geology department on a mine and organise programmes of prospecting in the field.

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Economic Geology**

**Duration:** 3 years full-time (experiential training included)

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Additional requirements:** A physical fitness 'Red Ticket' from the Medical Bureau is required

**Selection:** Merit and interviews

**Note:** A Pre-Technicians' programme is available for persons who do not comply with the minimum entrance requirements

**Fees:** Approximately R480 per subject

## EDUCATION: ART

**Occupation(s):** Teacher

**Personal requirements:** A Teacher needs to understand children and enjoy working with them. Good communication skills, fairness, maturity, tactfulness, responsibility, discipline and tolerance are important qualities

**Nature of work:** The Teacher is responsible for the transfer of knowledge, skills, and cultural goods to students

**Venue:** Technikon Natal

Afrikaans or English medium

**Higher Diploma in Education: Art**

**Duration:** 4 years

**Entry qualification:** Senior Certificate without university admission with six subjects on HG or SG (E symbol average)

**Subjects required:** First Language HG (D symbol) and a pass in one additional subject on HG, exclusive of a language

**Subjects recommended:** Art

**Note:** Training is presented in co-operation

with the University of Natal

## EDUCATION: COMMERCE

**Venue:** Cape Technikon

Afrikaans or English medium

**Higher Diploma in Education: Commerce**

**Duration:** 4 years full-time: 3 years at the Cape Technikon and 1 year at the University of Stellenbosch

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and an aggregate of at least 950 marks in the final examination for the Senior Certificate

**Subjects required:** English and Afrikaans HG and a third subject on HG

**Selection:** Psychometric tests, aptitude tests or personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**Higher Diploma in Education: Commerce**

**Duration:** 4 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** A pass in one language as a First Language HG and one official language (English or Afrikaans) as Second Language HG plus another subject on HG (40%). If a student wishes to include Mathematics or Information Systems in his curriculum, Mathematics HG (E symbol) or SG (D symbol) is also required

**Subjects recommended:** Commercial subjects

**Selection:** Academic achievement

**Fees:** Approximately R218 - R423 per subject

## EDUCATION: COMMERCIAL EDUCATION

**Venue:** Cape Technikon

Afrikaans or English medium



**National Diploma: Commercial Education**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG

**Subjects required:** Afrikaans and English. If Mathematics is chosen, Mathematics HG (E symbol) or SG (D symbol) is required

**Selection:** May include psychometric and aptitude evaluation, personal interview etc.

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Commercial Education**

**Duration:** 3 years full-time (10 weeks experiential training included)

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study OR N3 with four subjects and two languages on Senior Certificate level

**Subjects required:** If a student wishes to include Mathematics or Information Systems in his curriculum, Mathematics HG (E symbol) or SG (D symbol) is required

**Selection:** Academic achievement

**Fees:** R75 - R485 per subject

**EDUCATION: ECONOMIC SCIENCES**

**Venue:** Technikon Natal

Afrikaans or English medium

**Higher Diploma in Education: Economic Sciences**

**Duration:** 4 years

**Entry qualification:** Senior Certificate without university admission with six subjects on HG or SG (E symbol average)

**Subjects required:** First Language HG (D symbol) and a pass in one additional subject on HG, exclusive of a language

**Note:** Training is presented in co-operation

with the University of Natal

**EDUCATION: HOME ECONOMICS**

**Venue:** Technikon Natal

Afrikaans or English medium

**Higher Diploma in Education: Home Economics**

**Duration:** 4 years

**Entry qualification:** Senior Certificate without university admission with passes in six subjects at HG or SG (E symbol average)

**Subjects required:** First Language HG (D symbol) and a pass in one additional subject on HG, exclusive of a language

**Note:** Training is presented in co-operation with the University of Natal

**EDUCATION: TECHNICAL**

**Venue:** Technikon Northern Transvaal

English medium

**National Diploma: Technical Education**

**Fields:** Civil Engineering; Electrical Engineering; Mechanical Engineering

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission or N3

**Subjects required:** Senior Certificate: Mathematics and Physical Science. N3: Mathematics and Engineering Science and two other subjects plus two languages on Senior Certificate level

**Selection:** Psychometric tests

**Note:** 1993 information

**Fees:** 1994: R1472 per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Technical Education**

**Duration:** 3 years full-time (10 weeks experiential training included)

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the

programme of study OR N3 with four subjects and two languages on Senior Certificate level

**Subjects required:** Senior Certificate: Mathematics and Physical Science (preferably on HG). N3: Mathematics and Engineering Science

**Selection:** Academic achievement

**Fees:** R75 - R315 per subject

**Venue:** Transkei Technikon

English medium

**National Diploma: Technical Education**

**Fields:** Civil; Mechanical; Electrical

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English and Mathematics

**Selection:** Candidates subject to selection

**Fees:** R3950 p.a.

## EDUCATION: TECHNIKA

**Venue:** Technikon Natal

Afrikaans or English medium

**Higher Diploma in Education: Technika**

**Fields:** Electrical and Technical Drawing; Electronics and Technical Drawing; Mechanical and Technical Drawing

**Duration:** 4 years

**Entry qualification:** Senior Certificate without university admission with six subjects on HG or SG (E symbol average)

**Subjects required:** First Language HG (D symbol) and a pass in one additional subject on HG, exclusive of a language

**Note:** Training is presented in co-operation with the University of Natal

## ELECTRICAL ENGINEERING

**Occupation(s):** Electrical engineering technician

**Personal requirements:** An interest in science, good colour vision, enjoys solving problems, ability to apply ideas in practice and to work independently

**Nature of work:** Light Current/-

**Electronics:** these fields include telecommunications, radio and television, radar, computers, electronic control systems, etc. Technicians in these fields will be involved in the development of new equipment as well as installation and maintenance. **Heavy current:** The activities of heavy current technicians are related to the generation and the distribution of electricity. Their work ranges from design, development and erection of equipment, maintenance and repair

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Electrical Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects on HG and/or SG

**Subjects required:** English and Afrikaans:

First Language HG, Second Language SG. Mathematics and Physical Science HG (E symbol) or SG (D symbol) OR N4 Mathematics and another related engineering

subject such as N4 Electrotechnics, N4 Digital Electronics or N4 Engineering Science with a course mark of at least 60% **Selection:** Academic achievement. Candidates shall also be subjected to a selection procedure which may include psychometric and aptitude evaluation, language proficiency tests, etc.

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Electrical Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Mathematics HG, English First Language and Physical Science or Physics

**Selection:** Merit

**Fees:** R3720 p.a.

**Venue:** Mangosuthu Technikon  
English medium

**National Diploma:** Electrical Engineering

**Duration:** 4 semesters formal training and  
2 semesters experiential training

**Entry qualification:** Senior Certificate  
without university admission or N3

**Subjects required:** Mathematics, Physical  
Science and English

**Selection:** Candidates subject to selection

**Note:** Students are normally required to  
attend and pass the Pre-Technical Course,  
before being admitted to level 1

**Fees:** R1960 per semester

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Electrical Engineering

**Fields:** Light Current; Heavy Current

**Duration:** 3 years full-time: 24 months  
formal training and 12 months appropriate  
in-service training

**Entry qualification:** Senior Certificate  
without university admission or N3

**Subjects required:** Mathematics and Phy-  
sical Science HG (E symbol) or SG (D  
symbol) for Senior Certificate. Engineering  
Science N4 and Mathematics N4 (C sym-  
bol) and both official languages for the N3  
Certificate

**Selection:** Academic achievement and  
aptitude test

**Fees:** Approximately R161 - R310 per  
subject

**Venue:** Port Elizabeth Technikon

Afrikaans or English medium

**National Diploma:** Electrical Engineering

**Duration:** 3 years full-time: 24 months  
formal training and 12 months appropriate  
experiential training

**Entry qualification:** Senior Certificate  
without university admission without any  
lower grade subjects OR a N3 certificate  
with four subjects plus both official lan-  
guages

**Subjects required:** First Language HG (E  
symbol) or SG (D symbol) and a good pass  
mark in Mathematics and Physical Science  
or Physics for Senior Certificate. N3 Cer-  
tificate: Mathematics and Engineering  
Science (C symbol) and both official lan-  
guages at Senior Certificate level  
**Selection:** Academic achievement  
**Fees:** R190 - R470 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma in Electrical Engi-  
neering:** Heavy Current

**Duration:** 3 years full-time: 2 years for-  
mal training and 1 year experiential train-  
ing

**Entry qualification:** Senior Certificate  
without university admission with a mini-  
mum of 4 subjects on HG and/or SG,  
official languages included. LG subjects  
are acceptable only if not required in the  
programme of study

**Subjects required:** English First Language  
HG (E symbol) or SG (D symbol) or  
English Second Language HG (C symbol)  
or SG (B symbol) and good passes in  
Mathematics and Physical Science

**Fees:** R2617 per semester (R607 per sub-  
ject)

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma:** Electrical Engineering

**Fields:** Radio Communication; Process  
Instrumentation and Control

**Duration:** 3 years full-time: 2 years for-  
mal training and 1 year experiential train-  
ing

**Entry qualification:** Senior Certificate  
without university admission with a mini-  
mum of 4 subjects on HG and/or SG,  
official languages included. LG subjects  
are acceptable only if not required in the  
programme of study

**Subjects required:** English First Language  
HG (E symbol) or SG (D symbol) or  
English Second Language HG (C symbol)  
or SG (B symbol) and a good pass in

Mathematics and Physical Science  
**Fees:** R2640 per semester (R615 per subject)

**Venue:** Technikon Northern Transvaal  
English medium  
**National Diploma:** Electrical Engineering  
**Fields:** Electronic Communication; Heavy Current; Process Instrumentation  
**Duration:** 6 semesters full-time: 4 semesters formal training and 2 semesters experiential training  
**Entry qualification:** Senior Certificate without university admission (C symbol aggregate) OR successful completion of the Potentiality Development Programme OR N4 with at least 5 appropriate subjects  
**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. Mathematics (60%) and English  
**Selection:** Aptitude tests  
**Note:** The Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information  
**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma:** Electrical Engineering  
**Fields:** Heavy Current; Light Current  
**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate experiential training  
**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study  
**Subjects required:** Mathematics and Physical Science HG or SG  
**Selection:** Academic achievement and

personal interview if necessary  
**Fees:** R160 - R315 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga Campus); Technikon Pretoria (Nelspruit Campus); Technikon Pretoria (Witbank Campus)  
Afrikaans or English medium  
**National Diploma:** Electrical Engineering  
**Fields:** Digital Technology; Power Engineering; Clinical and Analogue Engineering; Process Instrumentation and Control; Avionics; High Frequency Technology  
**Duration:** 3 years full-time: 24 months formal training and 12 months experiential training  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study  
**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (D symbol). Mathematics and Physical Science HG (D symbol) or SG (C symbol) is required for the Avionics option  
**Selection:** Academic achievement  
**Fees:** Approximately R224 - R484 per subject

**Venue:** Technikon SA  
English and Afrikaans medium  
**National Diploma:** Electrical Engineering  
**Process Instrumentation**  
Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages) OR N3 with at least four N3 subjects, with a minimum of 50%  
**Subjects required:** Senior Certificate: Mathematics and Physical Science HG or SG and at least two languages on HG or SG. N3: Mathematics N3 and Engineering Science N3 and at least two languages on HG or SG

**Additional requirements:** Students must be employed in a field related to engineering

**Note:** NB: This course will possibly be presented in 1994, subject to approval

**Fees:** R430 per subject

**Venue:** Technikon SA

English and Afrikaans medium

**National Diploma:** **Electrical Engineering: Electronics and Electronic Communication**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages) OR N3 with at least four N3 subjects, with a minimum of 50%

**Subjects required:** Senior Certificate: Mathematics and Physical Science HG or SG and at least two languages on HG or SG. N3: Mathematics N3 and Engineering N3 and at least two languages on HG or SG

**Additional requirements:** Students must be employed in a field related to engineering

**Note:** NB: This course will possibly be presented in 1994, subject to approval

**Fees:** R430 per subject

**Venue:** Technikon SA

English and Afrikaans medium

**National Diploma:** **Electrical Engineering: Heavy Current**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages) OR N3 with at least four N3 subjects, with a minimum of 50%

**Subjects required:** Senior Certificate: Mathematics and Physical Science HG or SG and at least two languages on HG or SG. N3: Mathematics N3 and Engineering

Science N3 and at least two languages on HG or SG

**Additional requirements:** Students must be employed in a field related to engineering

**Note:** NB: This course will possibly be presented in 1994, subject to approval

**Fees:** R430 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** **Electrical Engineering**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** First Language HG (E symbol), Second Language SG (D symbol), Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Selection:** Selection test and personal interview

**Fees:** Approximately R760 per subject p.a. or approximately R380 per subject per semester

**Venue:** Transkei Technikon

English medium

**National Diploma:** **Electrical Engineering**

**Fields:** Heavy Current; Light Current

**Duration:** 3 years full-time (6 months experiential training included)

**Entry qualification:** Senior Certificate without university admission

**Selection:** Candidates subject to selection

**Fees:** R3950 p.a.

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma:** **Electrical Engineering**

**Fields:** Electronics; Electronic Communication; Instrumentation; Heavy Current

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with 4 subjects on HG or SG (official languages included) OR N3 with 4 subjects (50%) plus both official languages at Senior Certificate level

**Subjects required:** Mathematics and Physical Science HG or SG

**Selection:** Points system

**Fees:** First semester: R2215; second semester: R1895; third semester: R2089; fourth semester: R2115

## **ENVIRONMENTAL HEALTH**

**Occupation(s):** Environmental health officer

**Personal requirements:** Ability to communicate tactfully and diplomatically with people at all levels and keep up good human relations

**Nature of work:** Includes aspects such as health guidance to the public, identification of environmental pollution and the application of health laws where man and his environment are involved

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Environmental Health

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D symbol average

**Subjects required:** First Language HG and Second Language SG. One or more of the following subjects are also required: Mathematics, Biology, Physiology, Physical Science, Geography

**Selection:** Psychometric tests, aptitude tests or personal interview

**Fees:** First and second year: R3550 p.a.; third year: R3600

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Environmental Health

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Mathematics

**Subjects recommended:** Biology, Geography or Physical Science

**Selection:** Merit

**Fees:** R3720 p.a.

**Venue:** Mangosuthu Technikon

English medium

**National Diploma:** Environmental Health

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English, Mathematics and Physical Science HG (E symbol) or SG (D symbol) (Consideration MAY be given to students with Biology, Physiology or Geography in place of Mathematics or Physical Science)

**Selection:** Candidates subject to selection

**Fees:** R2120 per semester

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Environmental Health

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Preference will be given to students with Mathematics and/or Physical Science. Serious consideration is also given to subjects such as Geography and Biology

**Selection:** Academic achievement

**Fees:** Approximately R432 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma:** Environmental Health

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** First Language HG (E symbol) or SG (D symbol) and a good pass mark in Physical Science, Mathematics and Biology

**Selection:** Academic achievement

**Fees:** R845 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Environmental Health**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of four subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) plus two of the following subjects: Mathematics, Physical Science, Physiology, Biology, Geography HG (E symbol) or SG (D symbol)

**Selection:** Points system

**Fees:** First and second year: R4680 p.a. (R1105 per subject); third year: R4980 (R1180 per subject)

**Venue:** Technikon Northern Transvaal  
English medium

**National Diploma: Environmental Health**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (E aggregate)

**Subjects required:** English, Biology, Physical Science or Mathematics (all at HG)

**Subjects recommended:** Geography or Agriculture

**Selection:** Aptitude tests

**Note:** 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Environmental Health**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 subjects on HG and/or SG, official languages included. A subject on LG is acceptable only if not required in the programme of study

**Subjects required:** At least two of the following subjects HG or SG (D symbol): Biology, Physical Science, Mathematics, Geography

**Selection:** Academic achievement and a personal interview if necessary

**Fees:** R550 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Environmental Health**

**Duration:** 3 years: 2 years and 9 months formal training and 3 months co-operative training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Physical Science and Mathematics

**Selection:** Personal interview and psychometric test

**Note:** Registration with the SA Medical and Dental Council is compulsory

**Fees:** First year: R490 - R566 per subject; second year: 5 subjects @ R542 per subject; third year: 5 subjects @ R556 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Environmental Health**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** At least two of the following subjects HG (D symbol) or SG (C symbol): Biology, Mathematics, Physical Science, Geography

**Subjects recommended:** Biology, Mathematics, Physical Science, Geography

**Selection:** Selection tests and personal interview

**Fees:** R630 per subject p.a.

## EQUINE STUDIES

**Occupation(s):** Horse breeder; Stable manager

**Personal requirements:** Strong inclination towards biology, physically fit, alert, patient and committed

**Venue:** Technikon Pretoria  
Afrikaans or English medium  
**National Diploma:** Equine Studies  
**Duration:** 3 years full-time: 24 months formal training and 12 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics, Physical Science, Biology and agricultural subjects

**Selection:** Academic achievement

**Fees:** First semester: R450 - R500 per subject; second semester: R450 - R464 per subject; third semester: R450 - R464 per subject; fourth semester: R450 - R514 per subject

## EXPLOSIVES TECHNOLOGY

**Occupation(s):** Explosives technician

**Personal requirements:** Scientific but practical aptitude and responsibility in view of the fact that candidate will have to work with dangerous material

**Nature of work:** Involved with the various aspects of the manufacture of a wide variety of explosives; may work in a laboratory testing new products, or be part of a research or development team improving manufacturing procedures or developing new products

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma:** Explosives Technology

**Duration:** 3 years full-time: 18 months formal training at the technikon and 18 months experiential training at an approved laboratory or plant

**Entry qualification:** Senior Certificate without university admission with six subjects at HG and/or SG and a D aggregate

**Subjects required:** Afrikaans and English (one of which must be First Language HG). Mathematics and Physical Science

SG (D symbol) or HG (E symbol)

**Selection:** Psychometric tests, aptitude tests or personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma:** Explosives Technology

**Duration:** 3 years full-time: 18 months formal training and 18 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science

**Selection:** Academic achievement

**Note:** Security clarification may be needed for the second semester

**Fees:** First semester: R412 - R520 per subject; second semester: R422 - R564 per subject; third semester: R384 - R594 per subject

## EXTRACTION METALLURGY

**Occupation(s):** Metallurgical engineering technician

**Personal requirements:** Mathematical aptitude, scientific interest, logical thinking, problem solving skills and self-discipline

**Nature of work:** Extraction metallurgy is the process by which the valuable constituents are obtained from ore

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma:** Extraction Metallurgy  
**Duration:** 3 years full-time (experiential training included)

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Physical Science and Mathematics HG (D symbol) or SG (C symbol)

**Additional requirements:** A physical



fitness 'Red Ticket' from the Medical Bureau is required

**Selection:** Merit and interviews

**Note:** A Pre-Technician programme is available for candidates who do not comply with the minimum entrance requirements

**Fees:** Approximately R480 per subject

## **FASHION DESIGN AND TECHNOLOGY**

**Occupation(s):** Clothing designer; Fashion designer

**Personal requirements:** Artistic, a keen interest in fashion, good taste, ability to put ideas into practice and to communicate ideas through the medium of **drawings**

**Nature of work:** Creates an original garment for a specific purpose whether it is to satisfy highly personalised taste or world-wide retail outlets such as boutiques or chain stores

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Fashion Design and Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects (HG or SG only). Functional subjects are not acceptable

**Subjects required:** First Language HG and Second Language SG

**Selection:** Portfolio of specified written and practical work. A language proficiency test is required if the language requirements cannot be met

**Fees:** First year: R3970 and second year: R4070

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Fashion Design and Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG

**Subjects required:** Both official languages HG or SG

**Selection:** Aptitude test and personal interview

**Fees:** R2960 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Fashion Design and Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Afrikaans and English (one of these two subjects must be on HG)

**Selection:** Entrance examination, personal interview and questionnaire

**Fees:** Approximately R161 - R368 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma:** Fashion Design and Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and without any lower grade subjects

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Subjects recommended:** Mathematics and Needlework

**Selection:** Possible interview and supply of a portfolio of art work

**Note:** Art at school level is not a prerequisite

**Fees:** R450 - R550 per subject

**Venue:** Setlogelo Technikon

English medium

**National Diploma:** Fashion Design and Technology

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (E aggregate) and successful completion of the Pre-Technicians Course

**Subjects required:** A pass in both official

languages

**Selection:** An evaluation of the Pre-Technicians Course

**Fees:** R175 per subject per semester. Garment and art fees: First year R1200; second year R1400; third year: R1500

**Venue:** Setlogelo Technikon  
English medium

**Pre-Technicians Course: Fashion Design and Technology**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission (E aggregate). A third language may be offered as an alternative to Afrikaans

**Subjects recommended:** Needlework and art

**Selection:** Aptitude test

**Note:** At the end of the Pre-Technicians Course, students will be selected for the National Diploma in Fashion Design and Technology. Selection is in the form of an evaluation

**Fees:** R175 per subject per semester. Garment and art fees: R1000 p.a.

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma: Fashion Design and Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Selection:** Portfolio of creative work and a personal interview

**Fees:** R5080 p.a. (R1205 per subject)

**Venue:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga Campus)

Afrikaans and English medium

**National Diploma: Fashion Design and Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Selection:** A questionnaire, a design and drawing test and a personal interview

**Fees:** First year: R474 - R1274 per subject; second year: R474 - R488 per subject; third year: R474 - R502 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Fashion Design and Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Art and one of the following: Accounting, Business Economics or Mathematics

**Selection:** Entrance examination

**Fees:** Approximately R480 per subject

**Venue:** Transkei Technikon  
English medium

**National Diploma: Clothing Design**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Selection:** Candidates subject to selection

**Fees:** R3950 p.a.

**Venue:** Vaal Triangle Technikon  
Afrikaans or English medium

**National Diploma: Fashion Design and Technology**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG or on N3 level

**Subjects required:** Both official languages on HG or SG

**Selection:** Points system and possible

placement test

**Fees:** First year: R3980; second year: R4155 third year: R3794

## **FILM AND VIDEO TECHNOLOGY**

**Occupation(s):** Film and television director; Film and video editor; Scenarist; Film producer

**Personal requirements:** Ability to work hard, get along with different people and able to handle a lot of frustration and stress

**Nature of work:** A film or video is produced for entertainment, education, training or information and is the joint product of various artists, the director, editor, scenarist and producer

**Venue:** Technikon Pretoria  
Afrikaans and English medium

**National Diploma: Film and Video Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English and Afrikaans HG, preferably a C symbol

**Subjects recommended:** Art, a practical subject and an economic subject

**Selection:** A written test and personal interview if required

**Fees:** First year: R474 - R2650 per subject; second year: R540 - R2790 per subject; third year: R100 - R570 for practice

## **FINANCIAL INFORMATION SYSTEMS**

**Occupation(s):** Financial information systems analyst; Cost analyst; Financial accountant

**Personal requirements:** Interest in business affairs, ability to analyse a problem logically, able to adapt to changing circumstances and to cope with pressure

**Nature of work:** Candidate should have a strong accounting or financial background and must be able to develop and operate user-friendly information systems to ensure that the firm's management and accounting information systems work effectively together

**Venue:** Cape Technikon  
English and Afrikaans medium

**National Diploma: Financial Information Systems**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** First and Second Language HG and Accountancy

**Subjects recommended:** Mathematics

**Selection:** An aptitude and numeracy test

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Financial Information Systems**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** Accountancy HG (E symbol) or SG (D symbol) and a pass in Mathematics, English and Afrikaans

**Selection:** An aptitude test

**Fees:** R2475 p.a.

**Venue:** Port Elizabeth Technikon  
Afrikaans or English medium

**National Diploma: Financial Information Systems**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only) with a minimum aggregate E symbol

**Subjects required:** First Language, Se-

cond Language and Mathematics  
**Subjects recommended:** Accountancy  
**Selection:** Academic achievement  
**Fees:** R580 - R840 per subject

**Venue:** Technikon Natal  
English or Afrikaans medium  
**National Diploma: Financial Information Systems**  
**Duration:** 3 years (only at the Pietermaritzburg Campus)  
**Entry qualification:** Senior Certificate without university admission and a maximum of 2 subjects on LG, official languages excluded. The LG subjects may not be a prerequisite for the instructional programme  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol)  
**Fees:** Approximately R4680 p.a. or R1105 per subject

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma: Financial Information Systems**  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is only acceptable if it is not required in the programme of study  
**Subjects recommended:** Mathematics and/or Accounting  
**Selection:** Academic achievement  
**Fees:** R485 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma: Financial Information Systems**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG. LG subjects are acceptable only if not required in the pro-

gramme of study  
**Subjects required:** Mathematics and Accounting HG (D symbol) or SG (C symbol)  
**Selection:** Admission subject to selection  
**Fees:** First year full-time R642 - R758 and part-time R642 per subject; second year full-time R660 - R778 and part-time R642 - R758 per subject; third year full-time R678 - R796 and part-time R660 - R778 per subject; fourth year part-time: R678 - R796 per subject

**Venue:** Transkei Technikon  
English  
National Diploma: Financial Information Systems  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission  
**Selection:** Admission subject to selection  
**Fees:** R3650 p.a.

**Venue:** Vaal Triangle Technikon  
English or Afrikaans Medium  
**National Diploma: Financial Information Systems**  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG or on N3 level  
**Subjects required:** Both official languages at HG or SG  
**Selection:** Point rating system and possible placement test  
**Fees:** First year: R3167; second year: R2614; third year: R2856

## FINE ART

**Occupation(s):** Fine artist  
**Personal requirements:** Well-developed visual sense, artistic talent and imagination  
**Nature of work:** A variety of occupations is possible for the artist to communicate in different media. Work can be done for the performing arts as decor or stage designer or for the television services or museums or for magazines as graphic designer

**Venue:** Border Technikon  
English medium  
**National Diploma: Fine Art**  
**Duration:** 3 years full-time, including experiential training  
**Entry qualification:** Senior Certificate without university admission  
**Subjects recommended:** Languages and Art  
**Selection:** Portfolio of work and personal interview  
**Note:** 1993 information

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Fine Art**  
**Fields:** Painting; Printing Art; Sculpture  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)  
**Subjects required:** First language HG (E symbol) or SG (D symbol)  
**Subjects recommended:** One subject at HG i.e. Physical Science, History or History of Art  
**Selection:** A possible interview and portfolio of work  
**Note:** Art at school level is not a prerequisite  
**Fees:** R720 - R870 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Fine Art**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)  
**Selection:** Personal interview and portfolio of creative work  
**Fees:** R4680 p.a. or R1105 per subject

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma in Fine Art**  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if it is not required in the programme of study  
**Selection:** Academic achievement, talent and interest  
**Fees:** First year: R450 per subject; second and third year: R500 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma: Fine Art**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. LG subjects are acceptable only if not required in the programme of study  
**Selection:** Admission subject to selection  
**Fees:** First year: R524 - R790 per subject; second year: R488 - R1988 per subject; third year: R502 - R2002 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma: Fine Art**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects recommended:** Art  
**Selection:** Practical examination, submission of a portfolio and a personal interview  
**Fees:** Approximately R480 per subject

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium  
**National Diploma: Fine Art**  
**Fields:** Painting; Sculpture; Printmaking  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG or on N3 level

**Subjects required:** Both official languages HG or SG. Another language may be offered as alternative to Afrikaans or English

**Selection:** Point rating system, possible interview and a portfolio of art works where applicable

**Fees:** First year: R3283 p.a.; second year: R4727 p.a.; third year: R4027 p.a.

## **FIRE SERVICE TECHNOLOGY**

**Occupation(s):** Fire service technologist; Fireman

**Personal requirements:** Physical fitness, brave although calm, good perceptivity and able to take initiative. Acrophobia and claustrophobia are unacceptable

**Nature of work:** The task of the fire technologist is that of life-saving, protection of property and fire-fighting and prevention. He also deals with motor accidents and dangerous chemical spills and renders humanitarian services

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma: Fire Service Technology**

**Duration:** 3 years part-time with the required in-service training at an approved institution

**Entry qualification:** Senior Certificate without university admission and six subjects at HG or SG

**Subjects required:** First language HG and Second language SG

**Subjects recommended:** Mathematics, Physical Science

**Selection:** Psychometric test, aptitude test or personal interview

**Note:** People without the necessary requirements may be considered on the grounds of working experience and the passing of certain tests or short courses

**Fees:** First year: R380 - R500 per subject per semester; second and third year: R380 per subject per semester

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium

**National Diploma: Fire Service Technology**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Additional requirements:** Must be employed by a fire service department

**Selection:** Academic achievement

**Venue:** Technikon Pretoria; Technikon Pretoria (Nelspruit Campus); Technikon Pretoria (Witbank Campus)

Afrikaans and English medium

**National Diploma: Fire Service Technology**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Physical Science and Mathematics

**Additional requirements:** Candidates must be employed by or involve in an approved allied service

**Selection:** Admission subject to selection

**Fees:** First year: R450 - R490 per subject; second year: R464 per subject; third year: R474 per subject

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium

**National Diploma: Fire Brigade Technology**

**Duration:** 3 years (experiential training included)

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG

**Subjects required:** Both official languages HG or SG. Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Selection:** Point rating system and possible

placement test

**Fees:** First semester: R2143; second semester: R2050; third semester: R2050

## **FOOD**

**Occupation(s):** Home economist; Consumer adviser

**Personal requirements:** Practically orientated and the ability to maintain good interpersonal relations

**Nature of work:** Disposal of knowledge to individuals, families and communities for the effective utilisation of food products and work also in the field of purchasing, quality control and research of food

**Venue:** Cape Technikon  
English or Afrikaans medium

**National Diploma:** Food

**Duration:** 3 years full-time (3 months experiential training included)

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** First and Second Language HG

**Subjects recommended:** Physical Science and Biology

**Selection:** Psychometric or aptitude test or a personal interview

**Fees:** Approximately R4070 p.a.

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma:** Food

**Duration:** Two and a half years formal training and 6 months experiential training

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Preference to students with Biology and Physical Science

**Selection:** Personal interview

**Fees:** R4900 p.a. or R1160 per subject

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma:** Food

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Two of the following subjects: Physical Science, Mathematics or Biology

**Additional requirements:** Medical certificate if candidate is selected

**Selection:** Personal interview

**Fees:** First year: R258 - R862 per subject; second year: R264 - R642 per subject; third year: R516 - R692 per subject

## **FOOD AND CLOTHING TECHNOLOGY**

**Occupation(s):** Home Economist; Consumer adviser

**Personal requirements:** Practically orientated, initiative and ability to maintain good interpersonal relationships

**Nature of work:** Disposal of knowledge to individuals, families and communities for the effective utilisation of food resources. Works also in the field of design, purchasing, quality control or textile research with regard to the clothing industry

**Venue:** Technikon OFS  
Afrikaans or English medium

**National Diploma:** Food and Clothing Technology

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A subject on LG is acceptable only if it is not required in the programme of study

**Subjects recommended:** Biology, Physical

Science or Home Economics HG or SG  
**Selection:** Academic achievement and possible personal interview  
**Fees:** R550 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma: Food and Clothing Technology**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study  
**Subjects recommended:** Two of Physical Science, Mathematics or Biology  
**Additional requirements:** Medical certificate if candidate is selected  
**Selection:** Personal interview  
**Fees:** First year: R450 - R702 per subject; second year: R514 - R1166 per subject; third year: R464 - R928 per subject

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium  
**National Diploma: Food and Clothing Technology**  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG or on N3 level  
**Subjects required:** Both official languages at HG or SG  
**Selection:** Point rating system and possible placement test  
**Fees:** First year: R3693; second year: R4232; third year: R3524

## **FOOD SERVICE MANAGEMENT**

**Occupation(s):** Food service manager  
**Personal requirements:** Leadership characteristics, initiative, managerial skills and ability to maintain good human relations  
**Nature of work:** Responsible for the planning and supervision of large-scale

supply of balanced meals in a food service unit such as a hotel, hospital, ect.

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma: Food Service Management**  
**Duration:** 3 years full-time: 5 semesters formal training and 1 semester experiential training  
**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and an aggregate of 55%  
**Subjects required:** First Language HG (50%) and Second Language HG (45%)  
**Subjects recommended:** Students with a natural science subject and Mathematics or Accountancy will be given preference  
**Selection:** Psychometric or aptitude tests or a personal interview  
**Note:** Students are not being trained as chefs. Experience in the food industry will be an advantage  
**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Food Service Management**  
**Duration:** Two and a half years formal training and 6 months experiential training  
**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)  
**Selection:** Academic achievement and personal interview  
**Fees:** First and second year R4900 p.a. or R1160 per subject; third year R2450 per semester or R565 per subject

**Venue:** Technikon Northern Transvaal  
English medium



**National Diploma: Food Service Management**

**Duration:** 3 years full-time or part-time: 5 semesters formal training and 1 semester experiential training

**Entry qualification:** Senior Certificate without university admission (E aggregate)

**Subjects required:** English as well as Mathematics or Physical Science and/or any second science subject

**Subjects recommended:** Home Economics, Biology and Computer Science

**Selection:** Aptitude tests

**Note:** 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Food Service Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if it is not required in the programme of study

**Subjects recommended:** Biology, Physical Science or Home Economics HG or SG

**Selection:** Academic achievement and possible interview

**Fees:** R550 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Food Service Management**

**Duration:** 3 years full-time: 5 semesters formal training and 1 semester experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Two of the following subjects: Physical Science, Mathematics or Biology

**Additional requirements:** A Medical

certificate if candidate is selected

**Selection:** Academic achievement and personal interview

**Fees:** First year: R258 - R708 per subject; second year: R258 - R516 per subject; third year: R272 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Food Service Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** One language at HG

**Subjects recommended:** Physical Science, Biology or Home Economics

**Additional requirements:** Recent certificate of good health. Practical experience is recommended

**Selection:** Selection is required

**Fees:** Approximately R380 per subject per semester

**Venue:** Transkei Technikon

English

**National Diploma: Food Service Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Selection:** Admission subject to selection

**Fees:** R3950 p.a.

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Food Service Management**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG or at N3 level

**Subjects required:** Both official languages HG or SG

**Selection:** Point rating system and possible placement test

**Fees:** First year: R2909; second year: R2509; third year: R2701

## FOOD TECHNOLOGY

**Occupation(s):** Food technologist

**Personal requirements:** Ability to establish good relations, to have good interpersonal skills and willingness to improve knowledge continuously

**Nature of work:** Identify harmful organisms in food to determine whether these foodstuffs are fit for human consumption. Applies research results towards the improvement of food products and manufacturing processes, does quality assurance, investigates ways to implement specifications regarding hygiene, raw material, processing, packaging and product composition

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Food Technology**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission and with six subjects (HG or SG subjects only)

**Subjects required:** First Language HG and Second Language SG, Physical Science HG and Mathematics SG

**Selection:** Psychometric or aptitude tests or a personal interview

**Fees:** First year: R460 - R620 per subject per semester and second and third year: R620 per subject per semester

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Food Technology**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** Mathematics HG (E symbol) or SG (C symbol) and a pass in Physical Science, Biology and English (preferably all subjects on HG)

**Selection:** Academic achievement

**Fees:** R3720 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Food Technology**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Biology, Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Fees:** Approximately R393 - R423 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Food Technology**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and a natural science subject

**Subjects recommended:** Mathematics, Physical Science or Biology HG (D symbol)

**Fees:** R2590 per semester or R600 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Food Technology**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science SG 40% but preferably HG

**Subjects recommended:** Biology, preferably at HG

**Selection:** Admission subject to selection  
**Fees:** First semester: R450 - R526 per subject; second semester: R538 - R566 per subject; third semester R562 - R582 per subject; fourth semester: R526 - R606 per subject; fifth and sixth semesters: R100 per semester for experiential training

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Food Technology

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Physical Science, Mathematics and Biology HG (D symbol) or SG (C symbol)

**Selection:** Selection tests and personal interview

**Note:** Preference to candidates who have been employed in the food industry for 4 years

**Fees:** Approximately R580 per subject

## FORESTRY

**Occupation(s):** Forester

**Personal requirements:** Physically fit, good health, an interest in wild life and ecological systems, aptitude for natural sciences, practical ability, observant and ability to establish good relations

**Nature of work:** Assists and later takes charge of the cultivation, planting and pruning of trees, timber harvesting activities, the prevention of fires, control of plant disease and maintenance of plantations

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma:** Forestry

**Duration:** 3 years full-time or part-time: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Subjects recommended:** Mathematics and Biology

**Additional requirements:** Physical health and fitness

**Selection:** Academic achievement

**Note:** Training at Saasveld School of Forestry, near George

**Fees:** R320 - R360 per subject

## FUEL TECHNOLOGY

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma:** Fuel Technology

Correspondence course;

**Duration:** 1 year for the National Certificate, 2 years for the National Higher Certificate and 3 years for the National Diploma

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Subjects recommended:** Mathematics, Chemistry and Physics

**Additional requirements:** Must be employed in a career related to fuel technology

**Note:** A National Certificate is awarded after successful completion of Part I (plus the practical component) and a National Higher Certificate is awarded after successful completion of Part II (plus the practical component)

**Fees:** R430 per subject

## GEOTECHNOLOGY

**Occupation(s):** Geotechnologist

**Personal requirements:** A love of nature and outdoor work, practical, observant and able to draw figures three-dimensionally

**Nature of work:** Concerned with geological and geophysical surveys in the search for new minerals and mining of mineral sediments

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma:** Geotechnology

**Duration:** 3 years: 5 semesters formal training and 1 semester experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science

**Selection:** Admission subject to selection

**Fees:** First semester: R412 - R692 per subject; second semester: R450 per subject; third and fourth semesters: R464 per subject; fifth semester: R100 for experiential training; sixth semester: R474 per subject

## GOVERNMENT FINANCE

**Occupation(s):** Taxation officer; Government accountant

**Personal requirements:** Aptitude for figures, reliable and honest and maintains good interpersonal relationships

**Nature of work:** Determines the taxable income of individuals and companies, detects cases where taxes are evaded, collects taxes, audits records and interprets tax legislation

**Venue:** Border Technikon  
English medium

**National Diploma:** Government Finance

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Note:** 1993 information

**Fees:** First, second and third year: R1245 p.a.; fourth year: R1355

**Venue:** Mangosuthu Technikon  
English medium

**National Diploma:** Government Finance

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with at least 5 subjects on HG or SG

**Subjects required:** English HG (E symbol)

**Subjects recommended:** Mathematics or Accounting

**Selection:** Admission subject to selection  
**Fees:** R1480 per semester or R530 per subject

**Venue:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho Campus)  
English medium

**National Diploma:** Government Finance

**Duration:** 3 years full-time or part-time.

Only part-time at the Mmabatho Campus

**Entry qualification:** Senior Certificate without university admission with an E symbol aggregate

**Subjects required:** Accounting HG (E symbol) or SG (D symbol) and a pass in both official languages

**Selection:** Academic achievement

**Fees:** R175 per semester per subject

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma:** Government Finance

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Note:** This diploma is offered only at the Pietermaritzburg Campus

**Fees:** Full-time: approximately R3910 p.a. or R910 per subject and part-time: approximately R655 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga Campus); Technikon Pretoria (Nelspruit Campus)  
Afrikaans and English medium

**National Diploma:** Government Finance

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission with a maxi-

mum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics and Accounting SG

**Selection:** Admission subject to selection

**Fees:** Full-time and part-time: First year: R424 - R642 per subject; second year: R660 - R758 per subject; third year: R660 - R678 per subject

**Venue:** Technikon SA

Afrikaans or English medium

**National Diploma:** Government Finance Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of 2 subjects on LG (excluding the official languages)

**Note:** Access to a computer is required

**Fees:** R390 per subject

## GRAPHIC DESIGN

**Occupation(s):** Graphic designer

**Personal requirements:** Artistic, articulate, highly perceptive and ability to put visual conceptions into practical form

**Nature of work:** The main function is to supply information and create an identity for a certain product or idea in the media and to persuade the market to buy it. The designer must work within financial limitations

**Venue:** Border Technikon

English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time, including experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Languages and Art

**Selection:** Portfolio of work and personal interview

**Note:** 1993 information

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG. Functional subjects are unacceptable

**Subjects required:** First Language HG and Second Language SG

**Selection:** Portfolio of specified written and practical work. A pass in the language proficiency test is required if the candidate does not meet the language requirements

**Fees:** First year: R3840; second and third year: R3930 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Selection:** Academic achievement, aptitude test and personal interview

**Fees:** R2960 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Afrikaans and English (one of these two subjects must be on HG)

**Selection:** Entrance examination and personal interview

**Fees:** Approximately R393 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First language HG (E

symbol) or SG (D symbol)

**Subjects recommended:** One subject on HG i.e. Physical Science, History or History of Art

**Selection:** A possible interview and a portfolio of creative art works

**Note:** Art as a school subject is not a prerequisite

**Fees:** R720 - R870 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Art and Technical Drawing

**Selection:** An entrance test and/or a portfolio

**Fees:** R5680 p.a. or R1355 per subject

**Venue:** Technikon OFS  
Afrikaans or English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if it is not required in the programme of study

**Selection:** Academic achievement, talent for and interest in art

**Fees:** First year: R450 per subject; second and third year: R500 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Selection:** Admission subject to selection

**Fees:** First year: R474 - R790 per subject; second year: R278 - R488 per subject; third year: R502 - R632 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma:** Graphic Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Art, History of Art, Languages and History

**Selection:** Compulsory, specified portfolio of work

**Fees:** Approximately R480 per subject

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium

**National Diploma:** Graphic Design

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG or at N3 level

**Subjects required:** Both official languages at HG or SG. Another language may be offered as an alternative to Afrikaans or English

**Selection:** Point rating system, possible personal interview and a portfolio of art works where applicable

**Fees:** First year: R3283 p.a.; second year: R3053 p.a.; third year: R4231 p.a.

## **HEALTH SERVICES ADMINISTRATION**

**Occupation(s):** Health services administrative officer

**Personal requirements:** Ability to apply self-discipline and to communicate effectively

**Nature of work:** Makes a contribution to the improvement of general health by effective administration and communication with people

**Venue:** Mangosuthu Technikon

English medium

**National Diploma:** Health Services Administration

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 5 subjects on HG or SG

**Subjects required:** English HG (E symbol)

**Selection:** Admission subject to selection

**Note:** Prospective students must be employed by hospitals or government health departments before they are admitted

**Fees:** R1430 per semester or R520 per subject

## HIGHER CERTIFICATE PROGRAMME

**Venue:** Technikon SA

Afrikaans and English medium

**Higher Certificate Programme**

Correspondence course

**Fields:** Horticulture; Local Government Finance; Municipal Administration; Public Management and Administration

**Entry qualification:** Senior Certificate without university admission with not more than two subjects on the LG, which may not include English or Afrikaans

**Note:** Certificate programmes are intended for NEW students only and not for existing diploma students. Each certificate relates to a particular diploma or group of diplomas. It acts as an access path to a national diploma with full subject credits. Students who are not certain as to which direction to study, may choose subjects from different diplomas and after self-evaluation of their progress, make a choice, retaining credit for appropriate subjects passed

**Fees:** R390 per subject

## HOMEOPATHY

**Occupation(s):** Homoeopath in training

**Personal requirements:** Responsible, emotionally stable, sympathetic and tactful

**Nature of work:** Diagnoses ailments and prescribes homeopathic medicine. The student may not practice as homoeopath with the National Diploma. The Master's Diploma in Technology: Homeopathy, must be obtained, for which the training is at least 5 years

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Homeopathy

**Duration:** 3 years

**Entry qualification:** Senior Certificate with university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)

**Subjects required:** Mathematics and/or Physical Science. English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Biology

**Additional requirements:** At least 17 years of age and physically fit

**Fees:** R6300 p.a.

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Homeopathy

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science HG (D symbol) or SG (C symbol)

**Selection:** Personal interview and entrance examination

**Fees:** Approximately R910 per subject

## HORTICULTURE

**Occupation(s):** Horticulturist

**Personal requirements:** Nature-lover, creative, inquiring mind and perseverance

**Nature of work:** Horticulturists grow a variety of trees and shrubs and use their artistic talents to create a better environment for all people. They embellish towns and cities, conserve nature and environment and manage nurseries

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Horticulture**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate or a National Certificate in Horticulture

**Subjects required:** First Language HG and Second Language SG

**Subjects recommended:** Biology

**Selection:** Psychometric tests

**Fees:** First semester: R2335; second semester: R1975; third semester: R1940; fourth semester: R1580 and experiential training: R400 per semester

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Horticulture**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with at least an aggregate E symbol

**Fees:** Approximately R115 - R345 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Horticulture**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Physical Science and Biology

**Fees:** R2760 per semester or R645 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Horticulture**

**Duration:** 3 years full-time: 4 semesters formal training and 2 semesters appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Physical Science and Biology

**Selection:** Admission subject to selection

**Fees:** First and sixth semesters: R100 for experiential training; second semester: R450 per subject; third and fourth semesters: R450 - R464 per subject; fifth semester: R450 - R474 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Horticulture**

Correspondence course;

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Note:** Students must attend at least one beginner and one advanced practical contact course at the Technikon

**Fees:** R430 per subject



## **HOTEL MANAGEMENT**

**Occupation(s):** Hotel manager; Restaurant manager

**Personal requirements:** Social skills, an interest in people and their comfort, dedicated and a business sense

**Nature of work:** Responsible for the effective control and co-ordination of all facets of a hotel or restaurant

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Hotel Management

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects (SG or HG subjects only)

**Subjects required:** First Language HG (50%), Second Language HG (45%) and Accountancy SG. Mathematics SG or Physical Science SG. A minimum pass of 55% is required

**Additional requirements:** One year full-time work experience in the hotel industry is required

**Selection:** Psychometric or aptitude tests and a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Hotel Management

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Selection:** Personal interview

**Fees:** R3720 p.a.

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma:** Hotel Management

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate

without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if it is not required in the programme of study

**Subjects recommended:** Hoteliering and Catering, Accounting, Economy, Mercantile Law, Home Economics and Business Economics. A Third Language and working experience in the catering business (also part-time) will be a strong recommendation

**Selection:** Academic achievement, language proficiency, interest, appearance and personality

**Note:** Reports of the headmaster, language teacher and extramural trainers must be included in the application

**Fees:** First year R575 per subject except for the following: Cookery and Food and Beverage R655 and Communication/-Kommunikasie R150 per subject. Second year: all other subjects R290 per subject except for the following: Hotel Practice R500; Cookery and Food and Beverage R330 per subject. Experiential training: R500 plus R115

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Hotel Management

Hotel Management

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English and Afrikaans. One language should be on HG

**Subjects recommended:** Accounting, Business Economics, Economics, Third Language

**Additional requirements:** Practical experience (also part-time) in a hotel, restaurant or related industry as well as completed National Service (preferably in the catering corps) will serve as a recommendation

**Selection:** Selection is required

**Fees:** Approximately R380 per subject per semester

## HOTEL RECEPTION

**Occupation(s):** Hotel receptionist

**Personal requirements:** Social skills and an interest in people and their comfort

**Nature of work:** Welcomes guests, is helpful with bookings and registration, stores valuable articles, assists disabled people and does administrative tasks

**Venue:** M.L. Sultan Technikon

English medium

**National Certificate:** Hotel Reception

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Selection:** Personal interview

**Fees:** R2475 p.a.

## HOUSING DEVELOPMENT AND MANAGEMENT

**Occupation(s):** Housing development manager; Housing development planner

**Personal requirements:** Ability to take the lead, to make decisions, to work hard and to enjoy working with people

**Nature of work:** Planning, organising, leading, and controlling of projects to provide better housing to more people

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma:** Housing Development and Management

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Additional requirements:** Appropriate practical training of at least three months is recommended

**Fees:** R390 per subject

## IMPORT AND EXPORT MANAGEMENT

**Occupation(s):** Import manager; Export manager

**Personal requirements:** Self-discipline, responsible and the ability to communicate effectively

**Nature of work:** Importation of raw material with a view to the exportation of processed products, or vice versa. Import and export companies, financial institutions such as banks as well as the civil service may offer employment. It is also possible to establish one's own business

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma:** Import and Export Management

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if it is not required in the programme of study

**Selection:** Academic achievement

**Fees:** R485 per subject

**Venue:** Technikon SA

Afrikaans or English medium

**National Diploma:** Import and Export Management

Correspondence

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, excluding official languages)

**Note:** Appropriate practical training of at least 3 months is recommended. Access to a computer is required if the computer course is selected

**Fees:** R390 per subject

## INDUSTRIAL ENGINEERING

**Occupation(s):** Industrial engineering technician

**Personal requirements:** Scientific approach, objective, able to turn out detailed work and maintain good human relations

**Nature of work:** Identifies problems, suggests improvements and implements new work situations. Engineers optimum work conditions in a cost effective way to meet the physical and psychological requirements of employees

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma: Industrial Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate or the N4 Certificate

**Subjects required:** First Language HG and Second Language SG. Mathematics and Physical Science HG (E symbol) or SG (D symbol) or minimum 60% for N4. Functional Mathematics not accepted

**Selection:** Psychometric or aptitude tests or personal interview

**Note:** Functional Mathematics not acceptable

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Industrial Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only) or N3

**Subjects required:** Mathematics HG and a pass in Physical Science and English First Language (or another language) for Senior Certificate or a pass in English and

Afrikaans (or another language), Mathematics and Applied Science for N3

**Selection:** Academic achievement

**Fees:** R3720 p.a.

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium

**National Diploma: Industrial Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only) or N3 with two languages at Senior Certificate level

**Subjects required:** First Language, Mathematics and Physical Science HG (E symbol) or SG (D symbol) for Senior Certificate. At least 50% for Mathematics and Applied Science for the N3 Certificate

**Selection:** Academic achievement

**Fees:** R140 - R380 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium

**National Diploma: Industrial Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics HG 40% or SG 50%

**Selection:** Admission subject to selection  
**Fees:** First semester: R254- R412 per subject; second semester: R370 - R504 per subject; third semester: R384 - R564 per subject; fourth semester: R380 - R444 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Industrial Engi-**

**neering****Duration:** 3 years full-time**Entry qualification:** Senior Certificate without university admission**Subjects required:** Physical Science, Mathematics and one official language HG (E symbol) or SG (D symbol)**Subjects recommended:** Technical Drawing HG (E symbol) or SG (D symbol)**Selection:** Selection is required**Fees:** Approximately R380 per subject per semester**Venue:** Vaal Triangle Technikon Afrikaans and English medium**National Diploma: Industrial Engineering****Duration:** 3 years (experiential training included)**Entry qualification:** Senior Certificate without university admission with at least four subjects on HG or SG or on N3 level**Subjects required:** Both official languages, Mathematics and Physical Science HG or SG. At least 50% is required for N3 Mathematics and Engineering Science. Another language may be offered as an alternative to Afrikaans or English**Selection:** Point rating system and possible placement test**Fees:** First semester R2128; second semester: R2088; third semester: R1753; fourth semester: R2088**INFORMATION TECHNOLOGY****Occupation(s):** Computer programmer; Systems analyst**Personal requirements:** Discipline, accuracy, an aptitude for figures and logical reasoning, initiative and the ability to establish sound human relations**Nature of work:** Analyses a client's information requirements in order to design a system, writes a comprehensive programme and system specifications and makes sure it is successfully implemented**Venue:** Border Technikon English medium**National Diploma: Information Technology****Duration:** 3 years full-time, experiential training included**Entry qualification:** Senior Certificate without university admission**Subjects required:** Mathematics and English HG or SG**Subjects recommended:** Accounting**Selection:** Academic achievement**Fees:** 1993: First and second year: R1915 p.a.; third year: R1910**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Information Technology****Duration:** 3 years full-time (experiential training included) or 4 years part-time**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate**Subjects required:** First and Second Language HG plus Mathematics HG (D symbol) or SG (C symbol)**Selection:** Aptitude and numeracy test**Fees:** Approximately R3000 - R6000 p.a.**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Information Technology****Duration:** 3 years full-time or part-time**Entry qualification:** Senior Certificate without university admission with subjects on HG or SG**Subjects required:** Mathematics HG (E symbol) or SG (D symbol)**Selection:** Academic achievement**Fees:** R3720 p.a.**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Information Technology****Duration:** 3 years**Entry qualification:** Senior Certificate

without university admission with at least 4 subjects on HG

**Subjects recommended:** Mathematics and/or Accounting HG are strongly recommended. Language ability is a further recommendation

**Selection:** Subject choices, grade of subjects and an aptitude test

**Fees:** Approximately R500 - R552 per subject

**Venue:** Port Elizabeth Technikon; Port Elizabeth Technikon (East London Campus)

Afrikaans and English medium

**National Diploma: Information Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (six subjects and an aggregate D symbol) and a minimum of three subjects on HG (subjects on LG are unacceptable)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Fees:** R580 - R840 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Information Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics HG or SG (C symbol)

**Selection:** A pass in the technikon's computer aptitude test

**Fees:** R4680 p.a. (R1 105 per subject)

**Venue:** Technikon Northern Transvaal  
English medium

**National Diploma: Information Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (E symbol aggregate)

**Subjects required:** English and Mathematics HG (E symbol) or SG (D symbol)

**Subjects recommended:** Accounting

**Selection:** Academic achievement

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans and English medium

**National Diploma: Information Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A subject on LG is acceptable only if it is not required in the programme of study

**Subjects recommended:** Accounting and Mathematics. Computer literacy is also a recommendation

**Selection:** Academic achievement

**Fees:** R485 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Nelspruit Campus); Technikon Pretoria (Witbank Campus)

Afrikaans and English medium

**National Diploma: Information Technology**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics SG

**Subjects recommended:** Accounting

**Selection:** An aptitude test

**Note:** Prospective students must make an

appointment for selection before the end of August

**Fees:** First year: R642 - R758 per subject; second year: R660 - R796 per subject; third year: R796 per subject

**Venue:** Technikon SA

English and Afrikaans medium

**National Diploma: Information Technology**

Correspondence course

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, excluding official languages)

**Subjects required:** If a student wishes to register for a course in Mathematical Methods, Mathematics at Matric level is required

**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand

Afrikaans and English medium

**National Diploma: Information Technology**

Information Technology

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** A reasonable pass in one official language and Mathematics

**Subjects recommended:** One or more of the following: Accountancy, Business Economics, Computer Science, Economics or Physical Science

**Selection:** An aptitude test, questionnaire and personal interview

**Fees:** Approximately R380 per subject per semester

**Venue:** Transkei Technikon

English medium

**National Diploma: Information Technology**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** A pass in Mathematics

**Selection:** Admission subject to selection

**Fees:** R3650 p.a.

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Information Technology**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG or on N3 level

**Subjects required:** Mathematics, Afrikaans and English HG or SG. Another language may be offered as an alternative to Afrikaans or English

**Selection:** Point rating system and possible placement test

**Fees:** First year: R2916 p.a.; second year: R2897 p.a.; third year: R3021 p.a.

## INTERIOR DESIGN

**Occupation(s):** Interior designer

**Personal requirements:** Likes working with people, artistic, creative and communicates ideas on paper

**Nature of work:** Communicates design ideas verbally and through models, sketches and photography. Plans an attractive and functional human environment in a building within the limits of the space available, bearing in mind the eventual purpose of the building or room

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Interior Design**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG. Functional subjects are unacceptable

**Subjects required:** First Language HG and Second Language SG

**Selection:** A practical admission test and a portfolio of written and practical work. If the candidate does not meet the language requirements, he/she must pass a language proficiency test

**Fees:** First year: R3840; second year: R3900; third year: R3910

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Interior Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and LG subjects acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Selection:** Portfolio of creative work, possible personal interview and drawing test

**Fees:** R4680 p.a. or R1105 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma:** Interior Design

Interior Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Selection:** Admission subject to selection

**Fees:** First year: R524 - R790 per subject; second year: R278 - R488 per subject; third year: R284 - R502 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Interior Design

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Art and Mathematics

**Selection:** Submission of a portfolio of work, practical examination and personal interview

**Fees:** Approximately R480 per subject

## INTERNAL AUDITING

**Occupation(s):** Internal auditor

**Personal requirements:** Integrity, intelligence, conscientiousness, aptitude for figures and good judgement

**Nature of work:** Continuous financial control in a business enables the internal auditor to trace and correct errors in good time. He/she reviews, evaluates and interprets financial records and internal control systems and reports to top management

**Venue:** Border Technikon

English medium

**National Diploma:** Internal Auditing

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English HG (E symbol) plus either Accounting or Mathematics SG (E symbol) or a minimum of 2 year's experience in the accounts section of a public or private enterprise

**Selection:** Academic achievement

**Fees:** 1993: First and second year: R1660 p.a.; third and fourth year: R1410 p.a.

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Internal Auditing

**Duration:** 3 years full-time (experiential training included) or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and an aggregate symbol D

**Subjects required:** First and Second Language HG and Accountancy

**Subjects recommended:** Mathematics

**Selection:** An aptitude and numeracy test

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Internal Auditing

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate

without university admission (HG or SG subjects only)

**Subjects required:** English, Afrikaans and Mathematics. Accounting HG (E symbol) or SG (D symbol). Preference to candidates with good Mathematics and Accounting symbols

**Selection:** Academic achievement

**Note:** Preference to candidates with good Mathematics and Accounting symbols

**Fees:** R2475 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Internal Auditing**

**Duration:** 3 years full-time (three months experiential training included)

**Entry qualification:** Senior Certificate without university admission with an aggregate E symbol

**Subjects required:** Accounting HG (D symbol) or SG (B symbol) and a pass in Mathematics

**Additional requirements:** Above-average written and oral communication abilities and English language proficiency as well as good analytical skills

**Selection:** Academic achievement

**Fees:** Approximately R113 - R500 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Internal Auditing**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with an E symbol aggregate (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol), Second Language and Accounting or Mathematics or Commercial Mathematics

**Selection:** Academic achievement

**Fees:** R580 - R650 per subject

**Venue:** Setlogelo Technikon

English medium

**National Diploma: Internal Auditing**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with an E symbol aggregate

**Subjects required:** Accounting HG (E symbol) or SG (D symbol) and a pass in both official languages

**Subjects recommended:** Mathematics and Economics

**Selection:** Academic achievement

**Fees:** R175 per semester per subject

**Venue:** Technikon Northern Transvaal

English medium

**National Diploma: Internal Auditing**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (aggregate symbol E)

**Subjects required:** Accounting and Mathematics HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Internal Auditing**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is only acceptable if it is not required in the programme of study

**Subjects recommended:** Accounting

**Selection:** Academic achievement

**Fees:** R485 per subject

**Venue:** Technikon Pretoria; Technikon

Pretoria (Nelspruit Campus); Technikon

Pretoria (Witbank Campus)

Afrikaans and English medium

**National Diploma: Internal Auditing**

**Duration:** 3 years full-time or 4 years part-time



**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics and Accounting SG

**Selection:** Admission subject to selection

**Note:** This course will be phased out in November 1994

**Fees:** First year full-time and part-time: R642 - R758 per subject; second year full-time R660 - R662 and part-time R642 - R662 per subject; third year full-time R642 - R678 and part-time R660 - R662 per subject; fourth year part-time R642 - R678 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma:** Internal Auditing

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Fees:** R390 per subject

**Venue:** Transkei Technikon

English medium

**National Diploma:** Internal Auditing

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Accounting HG (E symbol) or SG (D symbol), English (E symbol) and Economics (D symbol)

**Selection:** Academic achievement

**Fees:** R3150 p.a.

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma:** Internal Auditing

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG or at N3 level

**Subjects required:** Both official languages HG or SG

**Selection:** Point rating system and possible placement test

**Fees:** First year: R3048; second year: R2212; third year: R2212

## **INVENTORY AND STORES MANAGEMENT**

**Occupation(s):** Warehouse manager; Stores manager; Distribution planner; Inventory controller; Materials manager

**Personal requirements:** Ambitious, ability to take the lead and enjoys working with people

**Nature of work:** Must supply an enterprise with the precise requirements in the precise quantities at the right time and place, from the best suppliers. Makes decisions, decides on optimum stores layout, reviews stock levels and implements security procedures

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma:** Inventory and Stores Management

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Fees:** R580 - R650 per subject

**Venue:** Technikon SA

English medium and Afrikaans medium

**National Diploma:** Inventory and Stores Management

Correspondence course

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, excluding official languages)

**Fees:** R390 per subject

## **JEWELLERY DESIGN AND MANUFACTURE**

**Occupation(s):** Jewellery designer; Jewellery manufacturer

**Personal requirements:** Artistic, creative, a practical orientation and ability to take initiative

**Nature of work:** Designs and creates jewellery and sells it in own business or as an employer of manufacturing jewellers

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Jewellery Design and Manufacture

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG. Functional subjects are unacceptable

**Subjects required:** First Language HG and Second Language SG

**Selection:** A practical admission test. Candidates who do not meet the language requirements, must pass a language proficiency test

**Fees:** First year: R4010 and second year: R4250

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Jewellery Design and Manufacture

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and acceptable only if not required for the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Selection:** Portfolio of creative work, practical test and personal interview

**Fees:** R4770 p.a. or R1130 per subject

**Venue:** Technikon Witwatersrand

English and Afrikaans medium

**National Diploma:** Jewellery Design and Manufacture

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Physical Science, Art, Woodwork or Metalwork

**Selection:** Portfolio of work, entrance examination and personal interview

**Fees:** Approximately R480 per subject

## **JOURNALISM**

**Occupation(s):** Journalist

**Personal requirements:** Writing ability, general knowledge, imagination, curiosity, persistence, objectivity and stamina

**Nature of work:** Gathers accurate and pertinent information and then writes this information in a clear, interesting and concise form as a report for the press, radio, television or related news media

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Journalism

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** English HG (D symbol) or SG (C symbol) and a pass in Afrikaans or another language

**Selection:** Merit, aptitude test and personal interview. Appropriate experience will also be considered

**Fees:** R2475 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma:** Journalism

**Duration:** 3 years: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission

**Additional requirements:** A flair for languages

**Selection:** Language proficiency, an ap-

titude test and possible interview

**Fees:** Approximately R236 - R501 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Journalism**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and LG subjects acceptable only if not required in the programme of study)

**Subjects required:** At least 4 subjects on HG of which 2 must be languages with no less than a D symbol HG. One of the languages must be English

**Selection:** Personal interview and admission test

**Fees:** R4800 p.a. for the first year or R1135 per subject; R2650 per semester for the second and third year or R615 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Journalism**

**Duration:** 3 years: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Afrikaans and English HG (preferably a C symbol)

**Subjects recommended:** Other higher grade subjects, e.g. History and Geography

**Selection:** Academic achievement, general knowledge, language proficiency, written test and possible personal interview

**Fees:** First year R258 per subject per semester - R874 per subject p.a.; second year R258 per subject per semester - R1186 per subject p.a.; third year R642 - R570 per subject p.a.

## LABORATORY ANIMAL TECHNOLOGY

**Occupation(s):** Laboratory animal technician

**Personal requirements:** Must be an animal lover and willing to care for laboratory animals

**Nature of work:** People in possession of the Diploma, should be able to give technical assistance and research support and perform cleaning procedures, animal husbandry and administrative duties

**Venue:** Technikon SA

Afrikaans and English medium

**National Higher Certificate: Laboratory Animal Technology**

Correspondence course;

**Duration:** 2 years (2 weeks practical evaluation)

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Additional requirements:** Written evidence of access to facilities of an approved laboratory where laboratory animals are kept

**Fees:** R430 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Certificate: Laboratory Animal Technology**

Correspondence course;

**Duration:** 1 year (1 week practical evaluation)

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Additional requirements:** Written evidence of access to facilities of an approved laboratory where laboratory animals are kept

**Fees:** R430 per subject

**Venue:** Technikon SA

Afrikaans and English medium  
**National Diploma: Laboratory Animal Technology**

Correspondence course;

**Duration:** 3 years (3 weeks practical evaluation)

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Additional requirements:** Written evidence of access to facilities of an approved laboratory where laboratory animals are kept

**Fees:** R430 per subject

## LABOUR RELATIONS

**Venue:** Technikon Witwatersrand  
English and Afrikaans medium

**National Diploma: Labour Relations**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Selection:** Selection test

**Fees:** Approximately R380 per subject per semester

## LANDSCAPE TECHNOLOGY

**Occupation(s):** Landscape technologist

**Personal requirements:** Aesthetic sensitivity, artistic, creative, an interest in natural sciences and appreciation of nature

**Nature of work:** The collation of aesthetically pleasing, functional and ecologically stable landscape spaces for the community such as recreation resorts, game parks, roadnetworks, parking areas, ect.

**Venue:** Cape Technikon  
English and Afrikaans medium

**National Diploma: Landscape Technology**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG or a National Certificate in Horticulture

**Subjects required:** First Language HG and Second Language SG

**Subjects recommended:** Biology

**Selection:** Psychometric test

**Fees:** First semester: R2335; second semester: R1975; third semester: R1935; fourth semester: R1580; experiential training: R400 per semester

**Venue:** Technikon Natal  
Afrikaans and English medium

**National Diploma: Landscape Technology**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and LG subjects acceptable only if not required in the programme of study)

**Subjects required:** Art or Technical Drawing SG. English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Biology or Physical Science

**Fees:** Approximately R2760 per semester or R645 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium

**National Diploma: Landscape Technology**

**Duration:** 3 years full-time: 4 semesters formal training and 2 semesters appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics, Physical Science, Biology and Agricultural Science

**Selection:** Admission subject to selection  
**Fees:** First and sixth semester: R100 per semester for practice; second semester:

R450 per subject; third and fourth semester: R450 - R464 per subject; fifth semester: R450 - R474 per subject

## **LANGUAGE PRACTICE**

**Occupation(s):** Language practitioner; Translator; Editor; Public relations officer  
**Personal requirements:** Language proficiency

**Nature of work:** Will not be involved in language only, but will also be able to work in the field of video techniques, business administration, intercultural studies and public relations

**Venue:** Cape Technikon  
English and Afrikaans medium

**National Diploma:** Language Practice  
**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** English and Afrikaans HG

**Selection:** Psychometric or aptitude tests or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon OFS  
Afrikaans or English medium

**National Diploma:** Language Practice  
**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is only acceptable if it is not required in the programme of study

**Subjects required:** A minimum C symbol for two languages

**Subjects recommended:** A third language

**Selection:** Academic achievement

**Note:** It is strongly recommended to obtain practical experience during the period of study

**Fees:** R485 per subject

**Venue:** Technikon Pretoria  
English and Afrikaans medium

**National Diploma:** Language Practice  
**Duration:** 3 years formal and experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of 2 subjects on LG. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Official languages at HG (C symbol)

**Selection:** Academic efficiency, occupational profile and creativity

**Fees:** First year: R318 - R724 per subject; second year: R424 - R736 per subject; third year: R424 - R672 per subject

## **LIBRARY AND INFORMATION PRACTICE**

**Occupation(s):** Library and information assistant; Information officer

**Personal requirements:** General knowledge, good human relations and an enquiring mind

**Nature of work:** Selection, organisation and retrieval of information according to the needs of clients

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma:** Library and Information Practice

**Duration:** 3 years (practice included)

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a symbol D aggregate

**Subjects required:** English and Afrikaans HG

**Selection:** Psychometric, aptitude or language proficiency tests or personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma:** Library and Infor-

**mation Practice**

**Duration:** 3 years (6 months experiential training)

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** English HG (D symbol) or SG (C symbol) and a HG pass in one other language

**Selection:** Aptitude test, language test and a personal interview

**Fees:** R2475 p.a.

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium

**National Diploma: Library and Information Practice**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** At least HG (D symbol) or SG (C symbol) for two languages

**Selection:** Academic achievement

**Venue:** Technikon Pretoria  
Afrikaans and English medium

**National Diploma: Library and Information Practice**

**Duration:** 3 years full-time (experiential training included)

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Selection:** Academic achievement, written test and possible interview

**Fees:** First year: R358 per subject per semester and R258 - R674 per subject p.a.; second year R424 - R686 per subject; third year R448 per subject

**Venue:** Technikon SA  
Afrikaans or English medium  
**National Diploma: Library and Infor-**

**mation Practice**

Correspondence course

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, excluding official languages)

**Additional requirements:** Students must be employed in the field of library and information science and must have access to a computer

**Fees:** R390 - R410 per subject

**LOCAL GOVERNMENT FINANCE**

**Occupation(s):** Treasurer; Cost accountant

**Personal requirements:** Natural aptitude for figures, ability to work quickly and efficiently and to maintain good human relations

**Nature of work:** Applies accounting and costing principles, methods and techniques in the ascertainment of costs and the analysis of the savings and/or excesses as compared with previous experience, or with the budget and assists management with the formulation of policies

**Venue:** Technikon Pretoria  
English and Afrikaans medium  
**National Diploma: Local Government Finance**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics and Accounting SG

**Fees:** First year R642 per subject; second year: R660 - R722 per subject; third year: R660 - R662 per subject; fourth year: R678 per subject

**Venue:** Technikon SA  
Afrikaans or English medium  
**National Diploma: Local Government**

## Finance

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (maximum of 2 LG subjects, excluding the official languages)

**Fees:** R390 per subject

## MANAGEMENT

**Occupation(s):** Manager

**Personal requirements:** Self-disciplined, responsible, ambitious, positive and maintains good interpersonal relationships

**Nature of work:** Plans, co-ordinates, organises and controls activities in the public sector and in private companies or organisations by means of effective communication. This is vital for the success of the organisation

**Venue:** Border Technikon

English medium

**National Diploma: Management**

**Duration:** 3 years full-time (experiential training included) or 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English HG (E symbol) and Mathematics SG (E symbol)

**Subjects recommended:** Commercial subjects such as Accounting, Economics and Business Economics

**Selection:** Academic achievement

**Fees:** 1993: First and second year: R2075 p.a.; third year: R1880

**Venue:** Cape Technikon

English and Afrikaans

**National Diploma: Management**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** English and Afrikaans HG

**Selection:** Psychometric or aptitude tests or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** English HG (E symbol) or SG (D symbol) and a pass in Accounting

**Selection:** Academic achievement

**Fees:** R2475 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Management**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English First Language HG (E symbol) or English Second Language SG (D symbol) and Mathematics SG (E symbol)

**Fees:** Approximately R113 - R500 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Management**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Management**

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages ex-

cluded and LG subjects acceptable only if not required in the programme of study)  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol). At least standard 8 Mathematics, but preferably standard 10  
**Selection:** Academic achievement  
**Fees:** Full-time: R3910 p.a. or R910 per subject; part-time: R655 per subject

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma: Management**  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is only acceptable if it is not required in the programme of study  
**Subjects recommended:** Accounting  
**Selection:** Academic achievement  
**Fees:** R485 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Nelspruit Campus); Technikon Pretoria (Witbank Campus)  
Afrikaans and English medium  
**National Diploma: Management**  
**Duration:** 3 years full-time or part-time  
**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study  
**Subjects recommended:** Mathematics, Accounting, Business Economics, Economics  
**Selection:** Admission subject to selection  
**Fees:** First year: R642 - R722 per subject; second year: R642 - R762 per subject; third year: R678 - R828 per subject

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma: Management**  
Correspondence course;

**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)  
**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma: Management**  
**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** One official language  
**Subjects recommended:** Mathematics and the other official language  
**Selection:** Selection is required  
**Fees:** Approximately R380 per subject per semester

## MARITIME STUDIES

**Occupation(s):** Deck officer  
**Personal requirements:** Physically fit, fond of the sea and able to get along with people  
**Nature of work:** Responsible for navigation, maintenance of the hull and deck equipment and the loading, unloading and storage of cargo

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Maritime Studies**  
**Duration:** 3 years: 18 months formal training and 18 months experiential training  
**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and LG subjects acceptable only if not required in the programme of study)  
**Subjects required:** Mathematics and another natural science subject. English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)  
**Fees:** R2760 per semester or R620 per subject



## MARKETING

**Occupation(s):** Marketer; Marketing manager; Sales manager

**Personal requirements:** Ability to communicate with people at any level, to analyse problems objectively and to apply solutions

**Nature of work:** Plans and organises the pricing and distribution of products, advertising and sales promotions. Responsible for the administration and control of the sales team as well as the entire marketing effort of a firm, for sales forecasts, budgets, ect.

**Venue:** Border Technikon  
English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time, including experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English HG (E symbol)

**Selection:** Academic achievement

**Fees:** 1993: First and second year: R2075 p.a.; third year: R1825

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** English and Afrikaans HG

**Subjects recommended:** Mathematics and commerce related subjects such as Accounting, Economics and Business Economics

**Selection:** Psychometric, aptitude or language proficiency tests

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** English HG (E symbol) or SG (D symbol) and a pass in Accounting

**Selection:** Academic achievement

**Fees:** R2475 p.a.

**Venue:** Mangosuthu Technikon  
English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (E aggregate) with at least 5 subjects on HG or SG

**Subjects required:** English HG (E symbol). Accountancy or Mathematics HG (E symbol)

**Selection:** Admission subject to selection

**Fees:** R1430 per semester or R410 per subject

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English First Language HG (E symbol) or English Second Language HG (D symbol). Preference is given to students with good passes in Mathematics and Accounting

**Fees:** Approximately R113 - R500 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (HG or SG

subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Fees:** R580 - R650 per subject

**Venue:** Setlogelo Technikon (Mmabatho Campus)

English medium

**National Diploma: Marketing**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission with minimum aggregate E symbol

**Subjects required:** Accounting HG (E symbol) or SG (D symbol), English (E symbol) and a pass in the other official language

**Subjects recommended:** Economics, Mathematics and Mercantile Law

**Selection:** Academic achievement

**Fees:** R175 per semester per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time (also part-time at the Pietermaritzburg Campus)

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and LG subjects acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol). Mathematics HG (E symbol) or SG (C symbol)

**Selection:** Academic achievement

**Fees:** Full-time: R3990 per year or R935 per subject; part-time: R655 per subject

**Venue:** Technikon Northern Transvaal

English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (E symbol

aggregate)

**Subjects required:** English HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Marketing**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is only acceptable if it is not required in the programme of study

**Subjects recommended:** Mathematics and Accounting

**Selection:** Academic achievement

**Fees:** R485 per subject

**Venue:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga Campus); Technikon Pretoria (Nelspruit Campus); Technikon Pretoria (Witbank Campus)

Afrikaans and English medium

**National Diploma: Marketing**

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects recommended:** Mathematics, Accounting, Business Economics and Economics

**Selection:** Admission subject to selection

**Fees:** First year: R484 - R642 per subject; second year: R642 - R730 per subject; third year: R728 - R896 per subject

**Venue:** Technikon SA

Afrikaans or English medium

**National Higher Certificate: Marketing**

Correspondence course;

**Duration:** 2 years

**Entry qualification:** Senior Certificate

without university admission with a maximum of 2 subjects on LG (excluding the official languages)

**Note:** Access to a computer (approximately one hour per week) is required

**Fees:** R390 per subject

**Venue:** Technikon SA  
Afrikaans and English medium

**National Diploma: Marketing**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Note:** Access to a computer (approximately one hour per week) is required

**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Marketing**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Languages, Mathematics, Art, Accountancy, Biology, Business Economics, Geography, History, Physical Science or a third language

**Selection:** Academic tests, biographical questionnaire and personal interview

**Fees:** Approximately R380 per subject per semester

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium

**National Diploma: Marketing**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG or at N3 level

**Subjects required:** Both official languages at HG or SG

**Selection:** Point rating system and possible placement test

**Fees:** First year: R2540 p.a.; second year: R2630 p.a.; third year: R2184 p.a.

## MECHANICAL ENGINEERING

**Occupation(s):** Mechanical engineering technician

**Personal requirements:** Capacity to think, sound judgement and ability to supervise others in their technical and administrative work

**Nature of work:** Involved with the design, construction and maintenance of equipment and responsible for applying proven techniques to carry the engineer's design through to its practical conclusion

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma: Mechanical Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** First Language HG and Second Language SG. Mathematics and Physical Science SG (D symbol) or HG (E symbol) for Senior Certificate or at least 60% for N4

**Selection:** Psychometric or aptitude tests or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Mechanical Engineering**

**Duration:** 3 years full-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only) or N3

**Subjects required:** Mathematics HG, Physical Science and English First Language (or another language) for Senior Certificate OR Mathematics, Applied Science, English and Afrikaans (or another language) for the N3 Certificate

**Selection:** Academic achievement  
**Fees:** R3720 p.a.

**Venue:** Mangosuthu Technikon  
English medium  
**National Diploma: Mechanical Engineering**  
**Fields:** General; Motor Vehicle  
**Duration:** 3 years: 4 semesters formal training and 2 semesters appropriate experiential training  
**Entry qualification:** A pass in the Pre-Technician Course or equivalent  
**Selection:** Admission subject to selection  
**Fees:** R1960 per semester or R505 per subject

**Venue:** Peninsula Technikon  
Afrikaans or English medium  
**National Diploma: Mechanical Engineering**  
**Duration:** 3 years full-time, including appropriate experiential training  
**Entry qualification:** Senior Certificate without university admission or N3  
**Subjects required:** Mathematics and Physical Science HG (D symbol) or SG (C symbol) (for Senior Certificate). A pass in the official languages at standard 10 level plus Mathematics and Engineering Science at N3 and N4 level for the N3 Certificate  
**Fees:** Approximately R161 - R310 per subject

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Mechanical Engineering**  
**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate in-service training  
**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only) or the N3-Certificate plus two languages at Senior Certificate level  
**Subjects required:** First Language, Mathematics and Physical Science HG (E symbol) or SG (D symbol) for Senior Cer-

tificate. A minimum of 50% for Mathematics and Applied Science for N3-Certificate  
**Selection:** Academic achievement  
**Fees:** R140 - R380 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Mechanical Engineering**  
**Duration:** 2 years formal training and 1 year experiential training  
**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and LG subjects acceptable only if not required in the programme of study)  
**Subjects required:** English First Language HG (E symbol) or SG (C symbol) or English Second Language HG (C symbol) or SG (B symbol)  
**Subjects recommended:** Mathematics and Physical Science HG  
**Selection:** Academic achievement  
**Note:** Preference to students with HG passes in Mathematics, Physical Science and English First Language  
**Fees:** R2590 per semester or R600 per subject

**Venue:** Technikon Northern Transvaal  
English medium  
**National Diploma: Mechanical Engineering**  
**Fields:** Fitting and Turning; Welding and Metalwork; Motor Mechanics  
**Duration:** 3 years: 4 semesters formal training and 2 semesters experiential training  
**Entry qualification:** Senior Certificate without university admission and a minimum C symbol aggregate or the N4 Certificate with at least five appropriate subjects or the successful completion of a Potentiality Development Programme of the Technikon  
**Subjects required:** A pass in English and Physical Science and at least a C symbol in Mathematics, is required for the Senior Certificate. A pass in English and 60% in

Mathematics, is required for the N4 Certificate

**Selection:** An aptitude test

**Note:** A Potentially Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma:** Mechanical Engineering

**Duration:** 3 years full-time or part-time: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if it is not required in the programme of study

**Subjects required:** Mathematics and Physical Science. At least a C symbol for Functional Mathematics

**Selection:** Academic achievement and possible interview

**Fees:** R315 per subject per semester; Mechanical Engineering Practice: R160 per subject per semester

**Venue:** Technikon Pretoria; Technikon Pretoria (Nelspruit Campus); Technikon Pretoria (Witbank Campus)

Afrikaans and English medium

**National Diploma:** Mechanical Engineering

**Fields:** General; Aviation Engineering; Automotive Engineering

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maxi-

imum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG 40% or Mathematics SG 60% plus Physical Science SG 50%

**Selection:** Admission subject to selection

**Fees:** First and second period of experiential training: R100 each; first formal period: R254 - R470 per subject; second period: R398 - R422 per subject; third period: R406 - R452 per subject; fourth period: R386 - R406 per subject

**Venue:** Technikon SA

English or Afrikaans medium

**National Diploma:** Mechanical Engineering

Correspondence course

**Duration:** 3 years (experiential training included)

**Entry qualification:** Senior Certificate without university admission with a maximum of 2 subjects on LG (official languages excluded) or a N3 Certificate with 4 subjects (minimum 50%)

**Subjects required:** Mathematics and Physical Science HG or SG for Senior Certificate. Mathematics N3 and Engineering Science N3 plus two languages HG or SG for the N3 Certificate

**Additional requirements:** Candidates must be employed in a field related to engineering

**Fees:** R430 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Mechanical Engineering

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission or N3 with the necessary requirements

**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (C symbol). First Language HG (E symbol) or SG (D symbol)

**Subjects recommended:** Technical Dra-

wing and Computer Science  
**Selection:** Personal interview and selection test  
**Fees:** Approximately R380 per subject per semester

**Venue:** Transkei Technikon  
English medium  
**National Diploma: Mechanical Engineering**  
**Duration:** 3 years full-time (one semester experiential training included)  
**Entry qualification:** Senior Certificate without university admission  
**Selection:** Admission subject to selection  
**Fees:** R3950 p.a.

**Venue:** Vaal Triangle Technikon  
Afrikaans or English medium  
**National Diploma: Mechanical Engineering**  
**Duration:** 3 years (experiential training included)  
**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG or on N3 level  
**Subjects required:** Both official languages, Mathematics and Physical Science HG or SG. A minimum of 50% for N3 Mathematics and Engineering Science. Another language may be offered as an alternative for Afrikaans or English  
**Selection:** Point rating system and possible placement test  
**Fees:** First semester: R2215; second semester R1753; third and fourth semester R2088 per semester

## METALLIFEROUS MINING

**Occupation(s):** Mining technician  
**Personal requirements:** Healthy, physically fit and prepared to work underground  
**Nature of work:** Involved in the running of the production section of a mine and responsible for aspects such as equipment, air conditioning, transport and processing of ore, explosives, etc.

**Venue:** Technikon SA  
Afrikaans or English medium  
**National Diploma: Metalliferous Mining**  
Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission (maximum of 2 LG subjects, excluding official languages)  
**Subjects required:** Mathematics  
**Subjects recommended:** Chemistry and Physics  
**Additional requirements:** Student must be employed on a mine or in a mining related career  
**Fees:** R430 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma: Metalliferous Mining**  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Mathematics HG (E symbol) or SG (D symbol)  
**Subjects recommended:** Physical Science  
**Additional requirements:** Physical fitness 'Red Ticket' from the Medical Bureau will be required for employment in the mining industry  
**Selection:** Merit and personal interviews  
**Note:** Prospective students can approach the industry for temporary employment during their studies to enable them to get the necessary experiential training. A Pre-Technician's programme is available for people who do not comply with the minimum entrance requirements  
**Fees:** Approximately R480 per subject

## METALLURGICAL ENGINEERING

**Occupation(s):** Metallurgical engineering technician  
**Personal requirements:** An interest in applying scientific skills to solve problems  
**Nature of work:** Does research regarding new processes to produce better metals, assists in supervising the production pro-

cesses and discusses technical matters with customers

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Metallurgical Engineering**

**Duration:** 3 years full-time: 18 months formal training and 18 months experiential training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only) or N3 Certificate with two languages at Senior Certificate level

**Subjects required:** First Language, Mathematics and Physical Science HG (E symbol) or SG (D symbol) for Senior Certificate. A minimum of 50% for Mathematics and Applied Science for the N3 Certificate

**Selection:** Academic achievement

**Fees:** R190 - R530 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Metallurgical Engineering**

**Duration:** 3 years full-time: 18 months formal training and 18 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science

**Subjects recommended:** Another natural science subject

**Selection:** Admission is subject to selection

**Fees:** First semester R412 - R544 per subject; second semester: R224 - R564 per subject; third semester: R474 - R728 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Metallurgical Engineering**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics and Physical Science HG (D symbol) or SG (C symbol)

**Additional requirements:** A physical fitness 'Red Ticket' from the Medical Bureau for employment in the mining industry

**Selection:** Merit and personal interviews

**Note:** Prospective students can approach the industry for temporary employment during their studies to enable them to get the necessary experiential training. A Pre-Technician's programme is available for people who do not comply with the minimum admission requirements

**Fees:** Approximately R380 per subject per semester

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Metallurgical Engineering**

**Fields:** Physical Metallurgy; Extraction Metallurgy

**Duration:** 3 years (experiential training included)

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG or on N3 level

**Subjects required:** Senior Certificate: Mathematics, Physical Science and both official languages HG or SG. N3: Mathematics and Engineering Science at least 50% and English and Afrikaans at N3 level. Another language may be offered as an alternative to Afrikaans or English

**Selection:** Point rating system and possible placement test

**Fees:** First semester: R2617; second semester: R2313; third semester: R2088

## METEOROLOGY

**Occupation(s):** Meteorology technician

**Personal requirements:** Attentiveness, accuracy and ability to work independently

**Nature of work:** Supplier of weather forecasts to the media, shipping, aviation,

etc.. Collects and compiles information by observing temperature, atmospheric pressure, clouds, visibility etc. and sees to the maintenance of the weather equipment

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma:** Meteorology

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Subjects required:** Mathematics and Physical Science HG 40% or SG 50%

**Additional requirements:** Must be employed by the Department of Environmental Affairs, the TBVC countries or Namibia

**Selection:** Admission subject to selection

**Fees:** First formal period: R254 - R480 per subject; second period: R370 - R422 per subject; third period: R190 - R642 per subject; fourth period: R190 - R850 per subject; fifth period (for practice): R370; sixth period (for practice): R380

## MINE SURVEYING

**Occupation(s):** Mine surveying technician

**Personal requirements:** Physically fit, enjoys practical and physical activities, good communication skills and ability to work under pressure

**Nature of work:** Plans the direction and extent of underground activities while using advanced surveying techniques and equipment

**Venue:** Technikon SA

Afrikaans or English medium

**National Diploma:** Mine Surveying

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded)

**Subjects required:** Mathematics

**Additional requirements:** Student must be employed on a mine or in a mining-related career

**Fees:** R430 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Mine Surveying

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics HG (D symbol) or SG (C symbol)

**Subjects recommended:** Technical Drawing and Physical Science

**Additional requirements:** Physical fitness 'Red Ticket' from the Medical Bureau for employment in the mining industry

**Selection:** Merit and personal interviews

**Note:** A Pre-Technicians Course is available for candidates who do not comply with the minimum entrance requirements.

Prospective students can approach the industry for temporary employment during their studies to enable them to get the necessary experiential training

**Fees:** Approximately R480 per subject

## MUNICIPAL ADMINISTRATION

**Occupation(s):** Personnel officer; Administrative officer; Financial officer

**Personal requirements:** Accurate, self-motivated, hard-working and likes to organise and manage people and to negotiate with people at all levels

**Nature of work:** Sees to it that the aspects of daily life continue to function smoothly. Running water, roads, libraries, parks and sport fields are the concern of the municipality. Municipal administration facilitates the collection, allocation and control of money to make these facilities possible

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Municipal Admini-



**stration**

**Duration:** 3 years full-time (experiential training included). It may be stretched to 4 years for students with a disadvantaged background

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** First and Second Language HG

**Subjects recommended:** Mathematics and Accountancy

**Selection:** Psychometric, aptitude or language proficiency tests

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Mangosuthu Technikon

English medium

**National Diploma: Municipal Administration**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least 5 subjects on HG or SG

**Subjects required:** English HG (E symbol)

**Selection:** Admission subject to selection

**Fees:** First and second semester R1415 per semester or R470 per subject; third semester: R1480 or R530 per subject

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Municipal Administration**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission (a D symbol aggregate is required for the full-time course)

**Subjects required:** Financial Accountancy at Matric level and a D symbol aggregate for any two official languages are required for the full-time course

**Selection:** A personal interview for the full-time course

**Fees:** Approximately R113 - R500 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans or English medium

**National Diploma: Municipal Administration**

**Duration:** 3 years part-time or full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Fees:** R580 - R680 per subject

**Venue:** Technikon Northern Transvaal

English medium

**National Diploma: Municipal Administration**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (aggregate symbol E)

**Subjects required:** English HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Municipal Administration**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with a minimum of 5 HG or SG subjects, including the official languages. A LG subject is acceptable only if not required in the programme of study

**Subjects recommended:** Accounting (only for the financial course)

**Selection:** Academic achievement

**Note:** Some of the subjects are presented only during evening lectures

**Fees:** R485 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Municipal Administration**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Selection:** Admission subject to selection

**Fees:** First year: R484 - R666 per subject; second year: R642 - R722 per subject; third year: R660 - R758 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Municipal Administration**

Correspondence course;

**Duration:** 3 years (one week practice per year for Work Study as a major)

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Additional requirements:** Candidates choosing Work Study as second major must have access to, or be employed in a work study environment

**Fees:** R390 per subject

**MUSEUM TECHNOLOGY**

**Occupation(s):** Curator; Conservation officer; Collection manager; Museum assistant; Display officer

**Personal requirements:** Must be creative and devoted and have language efficiency, scientific aptitude and administrative skill

**Nature of work:** Collects, restores, preserves and cares for articles from the cultural history and nature, presents educational programmes, performs excavations and publishes information

**Venue:** Technikon SA

English of Afrikaans medium

**National Diploma: Museum Technology**  
Correspondence

**Duration:** 3 years (experiential training included)

**Entry qualification:** Senior Certificate without university admission with a maximum of 2 subjects on LG (official languages excluded)

**Additional requirements:** Written proof of employment as a full-time, part-time or contract worker at an approved museum or related institution

**Fees:** R430 per subject

**MUSIC THEATRE**

**Occupation(s):** Theatre dancer; Singer; Actor

**Personal requirements:** Sound musical background and natural acting ability

**Nature of work:** Entertains people through media such as theatre, film, radio and television

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Certificate: Music Theatre**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Additional requirements:** Talent for dancing, singing and acting

**Selection:** An audition

**Fees:** R258 - R1540 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Higher Certificate: Music Theatre**

**Duration:** 2 years full-time

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Additional requirements:** Talent for dancing, singing and acting

**Selection:** An audition

**Fees:** First year: R258 - R1540 per subject; second year: R258 - R1584 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma: Music Theatre**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study

**Additional requirements:** Talent for singing, dancing and acting

**Selection:** An audition

**Fees:** First year: R258 - R1540 per subject; second year: R258 - R1584 per subject; third year: R272 - R1628 per subject

## **MUSIC: LIGHT MUSIC**

**Occupation(s):** Musician; Music programmer

**Personal requirements:** Music talent

**Nature of work:** Plays a musical instrument as a soloist or as a member of a music group or organises music programmes

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Light Music**

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission (maximum of two LG subjects, official languages excluded and LG subjects acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Selection:** An audition and an interview

**Fees:** Full-time: R2740 per semester or R640 per subject; part-time: R340 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Light Music**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate

without university admission with a maximum of two subjects on LG. LG subjects are acceptable only if not required in the programme of study

**Selection:** An audition

**Fees:** First year: R206 - R320 per subject; second year: R212 - R330 per subject; third year: R216 - R340 per subject

## **NATURE CONSERVATION**

**Occupation(s):** Nature conservationist

**Personal requirements:** Nature-lover who is also scientifically inclined, physically fit, alert and committed

**Nature of work:** Responsible for the conservation and management of natural ecosystems, habitats and communities and ensures the maintenance of biotic diversity. Duties involve fencing, maintenance of buildings and equipment, culling or destroying of animals and prosecution of transgressors

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Nature Conservation**

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate

**Subjects required:** First Language HG and Second Language SG

**Subjects recommended:** Biology

**Selection:** Psychometric or aptitude tests or a personal interview

**Note:** Applicants are to include a motivation for career choice as well as documents of relevant work experience, physical impediments or learning problems

**Fees:** First semester: R1825; second and third semesters: R1800; fourth semester: R1860; experiential training: R125 per semester

**Venue:** Mangosuthu Technikon

English medium

**National Diploma: Nature Conservation**

**Duration:** 3 years full-time: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with at least an E symbol aggregate and a minimum of 5 subjects on HG or SG

**Subjects required:** English HG (E symbol) and a pass in Biology HG

**Subjects recommended:** Mathematics, Physical Science or Geography

**Selection:** Admission subject to selection

**Note:** The student's completed application form must be accompanied by a curriculum vitae dealing with interests, field experience and hobbies as well as references for suitability for the course

**Fees:** R1960 per semester or R650 per subject

**Venue:** Port Elizabeth Technikon  
English or Afrikaans medium

**National Diploma:** Nature Conservation

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Subjects recommended:** Mathematics and Biology

**Additional requirements:** Physical fitness and health

**Selection:** Ability to complete the course successfully

**Note:** Training at the Saasveld School of Forestry, near George

**Fees:** R360 - R560 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium

**National Diploma:** Nature Conservation

**Duration:** 3 years: 2 years formal training and 1 year appropriate experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the pro-

gramme of study

**Subjects recommended:** Mathematics, Physical Science, Biology and Agricultural Science

**Selection:** Admission subject to selection

**Fees:** First semester: R450 per subject; second semester: R450 - R464 per subject; third and fourth semesters: R450 - R474 per subject

**Venue:** Technikon SA  
Afrikaans and English medium

**National Diploma:** Nature Conservation  
Correspondence course;

**Duration:** 3 years: 2 years formal training and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)

**Subjects required:** Biology (except for employees of nature conservation institutions)

**Fees:** R430 per subject

## NOISE CONTROL

**Venue:** Technikon SA  
Afrikaans and English medium

**National Certificate:** Noise Control  
Correspondence course;

**Duration:** 1 year (with practical sessions)

**Entry qualification:** Senior Certificate without university admission (maximum of 2 LG subjects) with 2 years appropriate experience or a qualification in Public Health

**Fees:** R390 per subject

## NON-DESTRUCTIVE TESTING

**Occupation(s):** Technician (Non-destructive Testing)

**Personal requirements:** Responsibility, perseverance and ability to work independently

**Nature of work:** Conducts tests on manufactured products to ascertain whether defects are within the specifications and

that the products are suitable for use

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium  
**National Diploma: Non-destructive Testing**  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG  
**Subjects required:** Both official languages at HG or SG. Mathematics and Physical Science HG (E symbol) or SG (D symbol)  
**Selection:** Point rating system and possible placement test  
**Fees:** First semester: R2215; second semester: R2088; third semester: R2050

## NUCLEAR TECHNOLOGY

**Occupation(s):** Nuclear technologist  
**Personal requirements:** Analytical abilities and insight into the working of nature and natural laws  
**Nature of work:** Assists the nuclear scientist in separation techniques, application of lasers to spectroscopic investigations and in the study of industrial processes through radioactive tracers etc.. May also work in the field of medical services

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma: Nuclear Technology**  
**Duration:** 3 years: 3 semesters formal training and 3 semesters appropriate experiential training  
**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study  
**Subjects required:** Mathematics and Physical Science  
**Selection:** Admission subject to selection  
**Fees:** First semester: R412 - R520 per subject; second semester: R422 - R514 per subject; third semester: R474 - R524 per subject

## OCEANOGRAPHY

**Occupation(s):** Oceanographer  
**Personal requirements:** Good sight, manual dexterity, a keen interest in and love of the sea and ability to work in a team  
**Nature of work:** Oceanography is the study of the sea and the life within it. Oceanographers measure water temperatures and examine the sea floor collecting biological samples, tagging fish and collecting sediment samples and studying oceanic currents. Some are trained divers. Analysis of the collected samples takes place in laboratories on the shore or at sea

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma: Oceanography**  
**Duration:** 3 years: 2 years formal training plus one year experiential training.  
**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG and a D symbol aggregate  
**Subjects required:** Mathematics and one other natural science subject HG (E symbol) or SG (D symbol). First Language HG and Second Language SG  
**Additional requirements:** Candidates must have permission to do their experiential training at the Division of Sea Fisheries, Roggebaai  
**Selection:** Psychometric or aptitude tests or a personal interview  
**Note:** This Diploma is not offered during 1994  
**Fees:** First semester (5 subjects): R1660 00; second semester (4 subjects): R1400; third semester (4 subjects): R1630 and fourth semester (6 subjects): R2040

## OFFICE ADMINISTRATION

**Occupation(s):** Administrative officer; Secretary; Personal assistant; Office supervisor  
**Personal requirements:** Organised, self-motivated, ability to maintain confidentiality and good interpersonal skills, ability

to implement decisions

**Nature of work:** The candidate must have the insight and skills to face challenges and to render a positive contribution towards the effective utilisation, application and maintenance of administrative procedures and methods, office systems and personnel

**Venue:** Transkei Technikon  
English medium

**National Diploma: Office Administration**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** A pass in English. Typing HG (D symbol) or SG (C symbol). Business Economics or Economics (D symbol)

**Selection:** English and general knowledge tests

**Fees:** R3150 p.a.

## OPERA

**Occupation(s):** Opera singer

**Personal requirements:** Exceptional voice, good musical background, discipline and stamina

**Nature of work:** Gives expression to emotions as a soloist, member of a choir or as a concert singer

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma: Performing Art: Opera**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Selection:** Academic achievement and an audition (first year of study is the next phase in selection)

**Fees:** First year: R258 - R2180 per subject; second year: R264 - R2376 per subject and third year: R272 - R2848 per subject

## OPTICAL DISPENSING

**Occupation(s):** Optical dispenser

**Personal requirements:** Good sight, manual dexterity and patience

**Nature of work:** The optical dispenser decides from the prescription of an ophthalmologist what type of lens and frame would be best suited to the patient. Before cutting the lenses and fitting the frame, measurements are taken of the patient's pupils and face to ensure the best possible vision. The optical dispenser usually sets up his own practice

**Venue:** Cape Technikon  
Afrikaans or English medium

**National Diploma: Optical Dispensing**

**Duration:** 3 years: 2 years full-time and 1 year experiential training

**Entry qualification:** Senior Certificate without university admission with six subjects at HG or SG

**Subjects required:** Mathematics and one natural science subject HG (E symbol) or SG (D symbol). English and Afrikaans HG  
**Selection:** Psychometric or aptitude tests or a personal interview

**Fees:** First year: R310 - R360 per subject; second year: R380 per subject and third year: R370 - R680 per subject

## ORGANISATION AND WORK STUDY

**Occupation(s):** Organisation and work study officer; Productivity controller; Productivity adviser

**Personal requirements:** Good human relations, patience, objectivity, creativity, susceptibility to change and tactfulness

**Nature of work:** Determines the kind of equipment, filing system, bonus scheme and personnel strength that is suitable and necessary for the work in an organisation to be done

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Organisation and**

**Work Study: Factories****Duration:** 4 years part-time**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)**Subjects required:** English and Afrikaans**Note:** Preference to candidates in related employment**Fees:** R2475 p.a.**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Organisation and Work Study****Fields:** Offices; Civil Service**Duration:** Offices: 3 years full-time or part-time; civil service: 3 years part-time**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study**Selection:** Admission subject to selection**Fees:** First year: R642 - R692 per subject;

second year: R642 - R840 per subject;

third year: R642 - R878 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Organisation and Work Study**

Correspondence course;

**Fields:** Factories; Offices; Public Service**Duration:** 3 years (one week practice per year)**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (excluding the official languages)**Subjects recommended:** Mathematics**Additional requirements:** Candidates must have access to or be employed in a work study environment**Fees:** R390 per subject**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Organisation and****Work Study****Duration:** 3 years**Entry qualification:** Senior Certificate without university admission**Subjects required:** At least one of the recommended subjects HG (E symbol) or SG (D symbol)**Subjects recommended:** Accountancy, Business Economics, Computer Science, Economics, Mathematics and Physical Science**Selection:** Selection is required**Fees:** Approximately R380 per subject per semester**ORTHOTICS AND PROSTHETICS****Occupation(s):** Orthotics/prosthetics technician**Personal requirements:** A genuine interest in working with physically disabled people, a positive approach towards life, compassionate and practical skills**Nature of work:** Works in a team to diminish the physical disability of a patient, designs and manufactures an orthosis prosthesis suitable for the patient**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Medical Orthotics and Prosthetics****Duration:** 3 years full-time: 18 months formal training and 18 months appropriate in-service training**Entry qualification:** Senior Certificate without university admission with a maximum of two LG subjects. LG subjects are acceptable only if not required in the programme of study**Subjects required:** At least one natural science subject**Subjects recommended:** Mathematics, Physical Science and Biology**Selection:** A test of skill and personal interview**Note:** As from 1996 Biology and Physical Science as school subjects will be a requirement

**Fees:** First semester: R282 - R450 per subject; second, third and sixth semester: R100 per semester for practice; fourth semester: R406 - R732 per subject; fifth semester: R404 - R732 per subject

## **PACKAGING MANAGEMENT**

**Occupation(s):** Packaging manager

**Personal requirements:** Ability to conduct consultations, to think objectively and innovatively and to apply resolutions practically

**Nature of work:** Responsible for organising and controlling a plant where packaging material or containers are produced or where products are packed

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Packaging Management

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission and with a D aggregate (six subjects at HG and/or SG) or senior students with experience in the packaging industry

**Subjects required:** First Language HG and Second Language SG

**Subjects recommended:** Mathematics, Accountancy and a natural science subject

**Additional requirements:** Experience in industry strongly recommended

**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma:** Packaging Management

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma:** Packaging Management

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Languages, Art, Mathematics, Accountancy, Biology, Business Economics, Geography, History, Physical Science or a Third Language

**Selection:** Points rating system, academic tests, biographical questionnaire and a personal interview

**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

## **PACKAGING TECHNOLOGY**

**Venue:** Cape Technikon

Afrikaans or English medium

**Certificate:** Packaging Technology

**Duration:** 6 - 8 weeks part-time

**Entry qualification:** Senior Certificate without university admission or required practical experience

**Additional requirements:** Membership of I.P.S.A.

**Selection:** Psychometric testing and/or aptitude test and/or a personal interview

**Note:** Providing employees with a basic knowledge of packaging principles and practice, supervisory management, food packaging, packaging graphics and materials handling. Students without a Senior Certificate will receive a Certificate issued by the Packaging Institute and not from the Technikon

**Fees:** Approximately R3000 - R6000 p.a.

## **PARKS AND RECREATION MANAGEMENT**

**Occupation(s):** Parks and recreation manager

**Personal requirements:** Self-disciplined, responsible, ambitious, positive and enjoys working with people

**Nature of work:** Provides facilities with



the emphasis on the needs of people, how best to meet them and the efficient allocation of labour, land and funds. Employment opportunities are in the Municipal, Provincial Administration, S.A. Railways, etc.

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Parks and Recreation Management**

**Duration:** 3 years: 2 years full-time plus 12 months appropriate experiential training at an approved training institution or accredited employer

**Entry qualification:** Senior Certificate without university admission and with a D symbol aggregate (six subjects at HG and/or SG) or a National Certificate in Horticulture

**Subjects required:** First Language HG and Second Language SG

**Subjects recommended:** Biology

**Selection:** Psychometric evaluation and/or aptitude tests and/or an interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Parks and Recreation Management**

**Duration:** 3 years full-time: 2 years formal training and 12 months in-service training with an approved employer

**Entry qualification:** Senior Certificate without university admission (at least an E symbol aggregate)

**Subjects recommended:** Agricultural and biological subjects

**Note:** Work opportunities at municipalities, regional services councils, government institutions and private enterprises

**Fees:** Approximately R115 - R345 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Parks and Recreation Management**

**Duration:** 3 years: First semester experiential training at Meerhof Training Centre; second - fifth semester: formal training and sixth semester: experiential training at Meerhof Training Centre

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Subjects recommended:** Physical Science and Biology

**Selection:** Academic achievement and applicable subjects (only 20 students are enrolled at a time)

**Fees:** First semester: R100 per subject; second semester: R450 per subject; third semester: R450 - R464 per subject; fourth semester: R450 - R464 per subject; fifth semester: R450 - R474 per subject and sixth semester: R100 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Parks and Recreation Management**

Correspondence course;

**Duration:** 3 years: 2 years formal training and 1 year in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Note:** Facilities for practical sessions are limited, therefore students will be selected. It is the student's responsibility to find suitable employment which will ensure experiential training

**Fees:** R430 per subject (additional fees have to be paid for practical sessions which are determined by other institutions)

## **PERSONNEL MANAGEMENT**

**Occupation(s):** Personnel officer; Personnel manager; Training officer; Industrial

relations manager; Recruitment officer  
**Personal requirements:** Enjoys the company of people, a good listener and able to determine priorities  
**Nature of work:** Concerned with the recruitment, selection, testing and placement of staff; induction and training; manpower planning; devising remuneration scales and policy; promotion of better staff relations; keeping records of employees; advising senior management on labour policies and industrial relations and improving motivation and morale

**Venue:** Border Technikon  
English medium  
**National Diploma: Personnel Management**  
**Duration:** 3 years full-time (experiential training during third year of study)  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** English HG (E symbol)  
**Selection:** Academic merit  
**Fees:** 1993: First and second year: R2075 p.a.; third year: R1770

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma: Personnel Management**  
**Duration:** 3 years full-time with practical experience in the third year or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission and a D aggregate (six subjects at HG and/or SG)  
**Subjects required:** First Language HG and Second Language HG  
**Subjects recommended:** Mathematics  
**Selection:** Psychometric testing and/or aptitude test and/or an interview  
**Note:** Viability of part-time course is determined by student numbers  
**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium  
**National Diploma: Personnel Management**

**ment**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission (HG and/or SG subjects only)  
**Subjects required:** Both official languages with a minimum symbol of E (HG) or D (SG) in English; Mathematics HG (F symbol) or SG (E symbol) and Accounting HG (F symbol) or SG (E symbol)  
**Fees:** R2475 p.a.

**Venue:** Mangosuthu Technikon  
English medium  
**National Diploma: Personnel Management**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission (E symbol average)  
**Subjects required:** English HG (E symbol)  
**Selection:** Academic merit  
**Fees:** R1430 per semester

**Venue:** Peninsula Technikon  
Afrikaans or English medium  
**National Diploma: Personnel Management**  
**Duration:** 3 years full-time (3 months in-service training during the final year of study)  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Good symbols in languages  
**Subjects recommended:** Mathematics and Accountancy  
**Fees:** Approximately R500 per subject

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Personnel Management**  
**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** First Language HG (E symbol) or SG (D symbol) - SG (E symbol) provided that this is a converted HG point  
**Selection:** Academic achievement  
**Fees:** R580 - R680 per subject

**Venue:** Setlogelo Technikon  
English medium  
**National Diploma:** Personnel Management

**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate without university admission (E symbol average)  
**Subjects required:** English (E symbol)  
**Additional requirements:** Students who register for Principles of Information Systems must have access to a computer  
**Selection:** Points system  
**Note:** Part-time evening classes will only be offered in subjects where 10 or more students register  
**Fees:** R175 per subject per semester

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma:** Personnel Management

**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission and with a minimum of four subjects on HG and/or SG, official languages included (a LG subject is acceptable only if not required in the programme of study)  
**Subjects required:** HG (E symbol) or SG (D symbol) in either language  
**Selection:** Academic achievement  
**Fees:** R3960 per annum for full-time study or R655 per subject for part-time study

**Venue:** Technikon Northern Transvaal  
English medium  
**National Diploma:** Personnel Management

**ment**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission, with a minimum E symbol aggregate  
**Subjects required:** English HG (E symbol) or SG (D symbol)  
**Subjects recommended:** Accountancy and other commercial subjects  
**Selection:** Academic achievement  
**Note:** Students may be required to enrol for a Potentiality Development Programme. 1992 information  
**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma:** Personnel Management

**Duration:** 3 years full-time or part-time  
**Entry qualification:** Senior Certificate without university admission (minimum of 5 HG and/or SG subjects). A LG subject is only acceptable if it is not required in the programme of study and/or is not one of the First or Second Languages  
**Subjects required:** Afrikaans and/or English  
**Selection:** Academic achievement, aptitude and personal qualities  
**Fees:** R485 per subject

**Venue:** Technikon Pretoria  
Afrikaans or English medium  
**National Diploma:** Personnel Management

**Duration:** 3 years full-time or part-time  
**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)  
**Subjects required:** Proficiency in either Afrikaans or English  
**Subjects recommended:** Economy, Business Economy, Accounting or Commercial Law, Economy  
**Selection:** Academic achievement and applicable subjects

**Note:** Course to be phased out in 1996  
**Fees:** First year: R484 - R762 per subject;  
second year: R660 - R860 per subject and  
third year: R678 - R928 per subject

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma: Personnel Management**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Note:** Students who register for Principles of Information Systems must have access to a computer

**Fees:** R390 per subject

**Venue:** Technikon SA  
Afrikaans or English medium  
**National Higher Certificate: Personnel Management**

Correspondence course;

**Duration:** 2 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Note:** Students who register for Principles of Information Systems, must have access to a computer

**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium  
**National Diploma: Personnel Management**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Languages, commercial subjects or Mathematics

**Selection:** Merit (rating system) and psychometric tests

**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

**Venue:** Transkei Technikon  
English medium  
**National Diploma: Personnel Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Selection:** Candidates subject to selection

**Fees:** R3150 p.a.

**Venue:** Vaal Triangle Technikon  
Afrikaans and English medium  
**National Diploma: Personnel Management**

**Duration:** 3 years full-time and part-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG, which must include the official languages

**Subjects recommended:** Business Economics, Economics, Mercantile Law, Accounting and Mathematics

**Selection:** Swedish points system

**Fees:** First year: R2982; second year: R2585 and third year: R2077

## **PHARMACEUTICAL MARKETING**

**Occupation(s):** Medical representative

**Personal requirements:** Self-reliance, sound interpersonal relations and ability to communicate scientific data

**Nature of work:** Introduces existing and new medicine to the professions that utilise medicine and discusses the clinical uses and dosages as well as the pharmacology of the medicine with doctors and pharmacists

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma: Pharmaceutical Marketing**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject

## **PHARMACY SALES CONSULTANT**

**Occupation(s):** Pharmacy sales consultant

**Personal requirements:** Ability to interact easily with people, tactful and diplomatic

**Nature of work:** Introduces the organisation's products or services to prospective clients

**Venue:** M.L. Sultan Technikon

English medium

**National Certificate for Pharmacy Sales Consultants**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission (HG or SG subjects only)

**Fees:** R3720 per annum or R1860 per semester

## **PHOTOGRAPHY**

**Occupation(s):** Photographer

**Personal requirements:** Artistically inclined, good eyesight and ability to react instantly

**Nature of work:** Takes pictures and develops photographs with a strong sense of graphic design and pictorial composition and uses very sophisticated optical, electronic and chemical methods until the desired quality is obtained. Specialisation may follow after years of experience

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma in Photography**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Afrikaans and English

(one of these two subjects must be on HG)

**Subjects recommended:** Physical Science, Art and Business Economics, Mathematics

**Additional requirements:** A good camera and photographic equipment

**Selection:** A personal interview

**Fees:** Approximately R461 per subject

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma in Photography**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** First Language HG (E symbol) or SG (D symbol)

**Subjects recommended:** Physical Science

**Additional requirements:** It is possible that prospective students will be required to attend interviews, supply a portfolio of work and/or be evaluated through examination

**Fees:** R240 - R1020 per subject

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma in Photography**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and with a minimum of four HG and/or SG subjects, official languages included (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Selection:** Profile test; a personal interview and a small portfolio

**Fees:** First year: R4800; second year: R4860 and third year: R4880

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Photography**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate

without university admission and with 5 subjects at HG and/or SG (a LG subject is acceptable only if not required in the programme of study or if not one of the official languages)

**Subjects required:** First and Second Language HG or SG

**Selection:** 20 points on the points system; academic performance; talent and personal qualities

**Fees:** R575 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma in Photography**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Selection:** Personal interview and a portfolio with photo's

**Fees:** First year: R514 - R1442 per subject; second year: R488 - R1860 per subject and third year: R502 - R1378 per subject

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma in Photography**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with at least four subjects on HG or SG, which includes the official languages

**Subjects recommended:** Afrikaans, English, Third language, Physical Science, Biology, Geography, Mathematics and Art

**Selection:** Swedish points system, an interview may be required and a portfolio of works of art

**Fees:** First year: R3462; second year: R3151 and third year: R2834

## PLASTICS TECHNOLOGY

**Occupation(s):** Plastics technician

**Personal requirements:** Observant, enquiring and patient

**Nature of work:** Tests processes to produce different types of plastics known and puts them into operation while quality is controlled

**Venue:** Cape Technikon

Afrikaans or English medium

**Certificate in Plastics Technology**

**Duration:** 6 - 8 weeks part-time

**Entry qualification:** Senior Certificate without university admission (six subjects at HG and/or SG) or some experience in the plastics industry

**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview

**Fees:** Approximately R3000 - R6000 p.a

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Plastics Technology**

**Duration:** 3 years full-time: 18 months formal training and 18 months appropriate in-service training and/or 3 years part-time

**Entry qualification:** Senior Certificate without university admission and with a D symbol aggregate (six subjects at HG and/or SG)

**Subjects required:** First Language HG and Second Language SG; Mathematics and Physical Science HG (E symbol) or SG (D symbol)

**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Plastics Technology**

**Duration:** 3 years: 3 semesters formal training and 3 semesters experiential training

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Subjects recommended:** Physical Science

and Mathematics

**Selection:** Academic achievement and applicable subjects

**Fees:** First semester: R412 - R550 per subject; second semester: R464 - R564 per subject and third semester: R474 - R574 per subject

## **PODIATRY**

**Occupation(s):** Podiatrist

**Personal requirements:** Ability to take responsibility and listen sympathetically to people, scientific orientation, manual dexterity, sound eye-hand co-ordination and ability to apply theoretical knowledge effectively in diagnosis

**Nature of work:** Performs clinical treatment of feet disorders, promotes general foot health in the community, prescribes and makes therapeutic and corrective appliances and does skin and nail surgery under local anaesthetic

**Venue:** Technikon Witwatersrand Afrikaans or English medium

**National Diploma:** Podiatry

**Duration:** 4 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Biology HG (D symbol) or SG (C symbol) and Physical Science HG (D symbol) or SG (C symbol)

**Subjects recommended:** Mathematics HG (D symbol) or SG (C symbol)

**Selection:** Selection tests and a personal interview

**Fees:** 5 subjects @ approximately R760 each p.a.

## **POLICE MANAGEMENT**

**Venue:** Technikon SA Afrikaans and English medium

**National Diploma:** Police Management Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two

subjects on LG must exclude the official languages)

**Additional requirements:** Candidates must be permanent members of the South African Police or police force of the TBVC countries or National Self-governing States. Testimony by the commanding officer of period of membership in the police force is needed

**Fees:** R390 per subject

## **POST OFFICE ADMINISTRATION**

**Occupation(s):** Administrative officer; Marketing officer; Telecommunication officer; Personnel officer

**Personal requirements:** Aptitude for languages, reliability, neatness and helpfulness

**Nature of work:** Varies according to position

**Venue:** Technikon OFS Afrikaans or English medium

**National Diploma:** Post Office Administration

**Fields:** Personnel Management; Management: General; Financial Management

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission and a minimum of 5 HG and/or SG subjects (a LG subject is acceptable only if not required in the programme of study and/or is not a First or Second Language)

**Subjects required:** First and Second Language

**Selection:** Academic achievement, aptitude and personal qualities

**Fees:** R420 per subject

## **PRE-TECHNICAL**

**Venue:** Mangosuthu Technikon English medium

**Pre-Technical**

**Duration:** 6 months

**Entry qualification:** Senior Certificate without university admission or N3 or an

appropriate GCE certificate  
**Subjects required:** Mathematics, Physical Science or Biology, English and another language  
**Selection:** Merit  
**Fees:** R1200 per semester

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**Pre-Technical Course**  
**Fields:** Analytical Chemistry, Civil Engineering, Electrical Engineering, Environmental Health, Industrial Engineering, Mechanical Engineering, Biomedical Technology of Radiography  
**Duration:** 2 semesters  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** English, Mathematics and Physical Science  
**Fees:** R320 per subject

## PRINTING MANAGEMENT

**Occupation(s):** Printing manager  
**Personal requirements:** Self-disciplined, responsible, ambitious, positive and enjoys working with people  
**Nature of work:** Utilises management skills in the development of and successful operation of the printing industry and identifies, investigates and makes recommendations on shortcomings associated with printing, printing systems and management procedures

**Venue:** Cape Technikon  
Afrikaans or English medium  
**National Diploma: Printing Management**  
**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate without university admission and with a D aggregate (six subjects at HG and/or SG) or senior students with experience in the printing trade  
**Subjects required:** First Language HG and Second Language SG  
**Subjects recommended:** A natural science subject, Mathematics and Accountancy  
**Additional requirements:** Experience in

the industry strongly recommended  
**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview  
**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma: Printing Management**  
Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)  
**Fees:** R390 per subject

## PRODUCTION MANAGEMENT

**Occupation(s):** Production manager; Production planner  
**Personal requirements:** Ability to conduct consultations, reason logically, think objectively and innovatively and ability to apply resolutions practically  
**Nature of work:** Responsible for the management of a production unit

**Venue:** M.L. Sultan Technikon  
English medium  
**National Diploma: Production Management**  
**Duration:** 3 years full-time or 4 years part-time  
**Entry qualification:** Senior Certificate without university admission and subjects on HG and/or SG  
**Subjects required:** English and Afrikaans; Mathematics HG (F symbol) or SG (E symbol)  
**Additional requirements:** Preference will be given to students in related employment  
**Selection:** Merit  
**Fees:** R2475 p.a.

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Production Manage-**



**ment****Duration:** 3 years part-time**Entry qualification:** Senior Certificate without university admission**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Production Management****Duration:** 3 years part-time**Entry qualification:** Senior Certificate without university admission and with a minimum of four subjects on the HG and/or SG, official languages included (a LG subject is acceptable only if not required in the programme of study)**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)**Subjects recommended:** Mathematics**Fees:** R655 per subject**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Production Management****Duration:** 3 years full-time or part-time**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)**Subjects required:** Mathematics**Selection:** Academic achievement and applicable subjects**Fees:** First year: R384 - R692 per subject; second year: R642 - R840 per subject and third year: R360 - R828 per subject**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Production Management**

Correspondence course;

**Duration:** 3 years**Entry qualification:** Senior Certificate without university admission with a maxi-

mum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Subjects recommended:** Mathematics**Fees:** R390 per subject**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Production Management****Duration:** 3 years**Entry qualification:** Senior Certificate without university admission**Subjects required:** One of the following subjects HG (E symbol) or SG (D symbol): Accounting, Business Economics, Computer Science, Mathematics, Physical Science or Technical Drawing**Subjects recommended:** Accountancy, Business Economics, Computer Science, Mathematics, Physical Science, Technical Drawing**Selection:** Points rating system**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Production Management****Duration:** 3 years full-time and part-time**Entry qualification:** Senior Certificate without university admission with at least 4 subjects at HG or SG, which must include the official languages**Selection:** Swedish points system**Fees:** First year: R2071; second year: R2263 and third year: R2263

## **PUBLIC MANAGEMENT AND ADMINISTRATION**

**Occupation(s):** Administrative officer; Public manager**Personal requirements:** Organised, self-motivated, people-orientated, hard-working, ability to maintain confidentiality and to implement decisions

**Nature of work:** Public and financial administration and management, management of manpower and liaison with the public, which require an understanding of human relationships. This course prepares students for job opportunities in the civil service, local councils, municipalities, management committees, parastatal bodies, administration and financial management in the private sector, manpower management in the public and private sector

**Venue:** Border Technikon  
English medium

**National Diploma: Public Management and Administration**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English SG (E symbol) and at least two years experience in the public service

**Selection:** Academic achievement

**Fees:** 1993: First and second year: R1245 p.a.; third and fourth year: R1300 p.a.

**Venue:** Cape Technikon  
Afrikaans and English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years full-time, including compulsory experiential training or 4 years for students from a disadvantaged background who require additional tuition or 4 years part-time

**Entry qualification:** Senior Certificate without university admission and a D symbol aggregate (LG subjects are unacceptable)

**Subjects required:** Two languages on HG of which one shall be an official language

**Subjects recommended:** Mathematics or Accountancy

**Selection:** Psychometric testing, aptitude tests or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission and with HG and/or SG subjects

**Subjects required:** English HG (D symbol) or English SG (C symbol) plus an approved language

**Fees:** R2475 p.a.

**Venue:** Mangosuthu Technikon  
English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years full-time: 18 months formal training and 18 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English HG (minimum E symbol)

**Selection:** Academic merit

**Fees:** First and second year: R1415 per semester and third year: R1480 per semester

**Venue:** Peninsula Technikon  
Afrikaans or English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** One First Language HG (this need not be English or Afrikaans) and one official language (English or Afrikaans) as Second Language HG. Preference will be given to candidates who obtained D symbols in any two languages

**Fees:** Approximately R500 per subject

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium

**National Diploma: Public Management and Administration**

**Duration:** 4 years part-time or 3 years full-time

**Entry qualification:** Senior Certificate without university admission (subjects passed on the LG are not acceptable) or NTC III

**Subjects required:** First Language HG (E symbol) or SG (D symbol) or SG (E symbol) if it is a converted HG point

**Selection:** Academic merit

**Fees:** R580 - R650 per subject

**Venue:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho Campus)

English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission (minimum E symbol average)

**Subjects required:** English (E symbol)

**Selection:** Point system

**Fees:** R175 per subject per semester

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Public Management and Administration**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission and with a minimum of four HG and/or SG subjects, official languages included (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Fees:** R655 per subject

**Venue:** Technikon Northern Transvaal

English medium

**National Diploma: Public Administration**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission, with a mini-

imum E symbol aggregate

**Subjects required:** English HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Note:** Students may be required to enrol for a Potentiality Development Programme. 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission and 5 HG and/or SG subjects (a LG subject is acceptable if it is not required in the programme of study and/or is not a First or Second Language)

**Subjects required:** First and Second Language

**Selection:** Academic achievement, aptitude test and personal qualities

**Fees:** R420 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Subjects recommended:** Business Economics

**Selection:** Academic achievement and a computer based language test

**Fees:** First year: R484 - R762 per subject; second year: R662 - R860 per subject and third year: R660 - R928 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Public Management and Administration**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject

**Venue:** Transkei Technikon

English medium

**National Diploma: Public Management and Administration**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission

**Additional requirements:** Full-time employment, relevant to the course

**Selection:** Academic merit

## **PUBLIC RELATIONS**

**Occupation(s):** Public relations officer

**Personal requirements:** People-orientated, ability to write and speak fluently and a wide range of interests

**Nature of work:** Concerned with effective communication between an organisation and all groups affected by its activities. Plans and executes programmes to establish and maintain a favourable image of an organisation among the public via mass media, brochures, pamphlets, feature articles, annual reports or audio-visual communication

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Public Relations**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission and with a D aggregate (six subjects on HG and/or SG)

**Subjects required:** First Language HG and Second Language HG

**Subjects recommended:** Mathematics

**Selection:** Psychometric testing and/or an aptitude test and/or an interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Public Relations**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission and subjects on HG and/or SG

**Subjects required:** English HG (D symbol) and Afrikaans or one other language

**Selection:** Aptitude test and an interview

**Fees:** R2475 p.a.

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Public Relations**

**Duration:** 3 years: 2 years full-time and 1 year appropriate in-service training, during which time the two major subjects are completed through distance tuition or 4 years part-time

**Entry qualification:** Senior Certificate, preferably with university admission (LG subjects are not acceptable)

**Subjects required:** Two languages at HG (D symbol) or SG (C symbol)

**Selection:** Aptitude test, academic achievement and interest

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Public Relations**

**Duration:** 2 years formal training and 1 year appropriate in-service training

**Entry qualification:** Senior Certificate without university admission and with at least 3 HG subjects (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English HG (D symbol) and another language on HG (D symbol)

**Fees:** First and second year: R4800 p.a. and third year: R2590

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Public Relations**

**Duration:** 3 years: 2 years formal training and 1 year appropriate in-service training (student should arrange in-service training)

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Subjects required:** English and Afrikaans HG (preferably C symbol)

**Additional requirements:** General knowledge and language proficiency

**Selection:** A written test and possibly an interview

**Fees:** First year: R484 - R790 per subject; second year: R424 - R1136 per subject and third year: R570 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Public Relations**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English HG and Afrikaans HG or an African Language HG

**Subjects recommended:** Humanities

**Selection:** Points rating system, selection tests, entrance examination and a personal interview

**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Public Relations**

**Duration:** 3 years full-time and part-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG, which include the official languages

**Subjects recommended:** Business Economics, Economics, Languages (with at least a C symbol on HG or SG) and Typing

**Selection:** Swedish points system

**Fees:** First year: R2600; second year: R2754 and third year: R1700

**PURCHASING MANAGEMENT**

**Occupation(s):** Purchasing manager

**Personal requirements:** Wide awake, quick to see and seize a profitable opportunity and slow to make concessions and able to negotiate tactfully yet resolutely. Behaviour should be ethically correct at all times

**Nature of work:** Organises a central purchasing function, finds suitable suppliers, receives requisitions and places orders, controls the delivering of orders and inventories and re-evaluates suppliers. Assures the correct amount of goods at the correct place and price

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Purchasing Management**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (subjects on LG are not acceptable)

**Subjects required:** First Language HG (E symbol) or SG (D symbol) - SG (E symbol) provided that this is a converted HG point

**Selection:** Academic merit

**Fees:** R580 - R650 per subject

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Purchasing Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and with 5 subjects on HG and/or SG (a LG subject is acceptable only if not required in the programme of study or if not one of the official languages)

**Subjects required:** First and Second Language HG or SG

**Subjects recommended:** Accountancy and/or Mathematics

**Selection:** Academic achievement, aptitude and personal qualities

**Fees:** R485 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Purchasing Management**

**Duration:** 3 years full-time or part-time

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Selection:** Academic achievement and applicable subjects

**Note:** Phased out in November 1996

**Fees:** First year: R484 - R758 per subject; second year: R642 - R710 per subject; third year: R678 - R828 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Purchasing Management**

Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Note:** Students who register for End-User Computing I, must have access to a computer

**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Purchasing Management**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Languages, Mathematics, Art, Accountancy, Biology, Business Economics, Geography, History, Physical Science or a Third Language

**Selection:** Points rating system, academic tests, biographical questionnaire and a

personal interview

**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

**Venue:** Vaal Triangle Technikon

Afrikaans and English medium

**National Diploma: Purchasing Management**

**Duration:** 3 years full-time and part-time

**Entry qualification:** Senior Certificate without university admission with at least 4 subjects on HG or SG, which must include the official languages

**Subjects recommended:** Business Economics, Economics, Mercantile Law, Accounting and Mathematics

**Selection:** Swedish points system

**Fees:** First year: R2765; second year: R2167 and third year: R2274

## RADIOGRAPHY

**Occupation(s):** Radiographer

**Personal requirements:** Practical, serene, cheerful, responsible, ability to deal with patients and getting along with colleagues and to work meticulously

**Nature of work:** Takes X-ray films and uses new high-technology equipment to indicate injuries fractures or diseases. Radionuclides are also prepared in the radiation laboratory

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Radiography: Diagnostic**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics, Physical Science and Biology HG (E symbol) or SG (D symbol)

**Additional requirements:** Medical examination and the availability of learner posts

**Selection:** Personal interview

**Note:** All radiation workers must be registered as such and annual health checks are mandatory

**Fees:** R455 per subject

**Venue:** Peninsula Technikon  
Afrikaans or English medium  
**National Diploma: Radiography: Nuclear  
Medicine**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate  
without university admission  
**Subjects required:** Mathematics, Physical  
Science and Biology, each at HG (E sym-  
bol) or SG (D symbol)  
**Additional requirements:** Medical exami-  
nation and the availability of learner posts  
**Selection:** Personal interview  
**Note:** All radiation workers must be regis-  
tered as such and annual health checks are  
mandatory  
**Fees:** R455 per subject

**Venue:** Peninsula Technikon  
Afrikaans or English medium  
**National Diploma: Radiography: Radio-  
therapy**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate  
without university admission  
**Subjects required:** Mathematics and Phy-  
sical Science each at HG (E symbol) or SG  
(D symbol)  
**Additional requirements:** Medical exami-  
nation and availability of learner posts  
**Selection:** Personal interview  
**Note:** All radiation workers must be regis-  
tered as such and annual health checks are  
mandatory  
**Fees:** R455 per subject

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Radiography: Diag-  
nostic**  
**Duration:** 36 months: formal training for  
several months and the balance of 36  
months is taken up by practical experience  
in an approved training hospital, during  
which time students earn a salary  
**Entry qualification:** Senior Certificate  
without university admission  
**Subjects required:** First Language HG (E

symbol) or SG (D symbol) - SG (E sym-  
bol) if it is a converted HG point, Mathe-  
matics, Physical Science and Biology  
**Additional requirements:** Employed at a  
radiographic training department in an  
approved training hospital. Local hospi-  
tals, as employers, may have additional  
requirements  
**Selection:** Interview  
**Fees:** R490 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Radiography**  
**Fields:** Diagnostic; Therapy; Nuclear  
Medicine; Ultrasound  
**Duration:** 3 years: 18 months formal  
training and 18 months in-service training  
**Entry qualification:** Senior Certificate  
with university admission and with a mini-  
mum of four HG and/or SG subjects,  
official languages included (a LG subject is  
acceptable only if not required in the pro-  
gramme of study)  
**Subjects required:** English First Language  
HG (E symbol) or SG (D symbol) or  
English Second Language HG (C symbol)  
or SG (B symbol)  
**Subjects recommended:** Biology, Mathe-  
matics, Physical Science, Chemistry at HG  
**Additional requirements:** 17 years of age  
and registered as a student radiographer  
**Fees:** First year: R2930; second year:  
R2710 and third year: R2590

**Venue:** Technikon OFS  
Afrikaans or English medium  
**National Diploma: Radiography: Diag-  
nostic**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate  
without university admission, with a 50 %  
aggregate and 5 subjects at HG and/or SG  
(a LG subject is acceptable only if not  
required in the programme of study)  
**Subjects required:** First and Second Lan-  
guage HG and/or SG, Mathematics, Phy-  
sical Science and Biology at least SG (50%)  
**Additional requirements:** Employed by a

registered training institute

**Selection:** Academic achievement, aptitude test and personality characteristics

**Fees:** R550 per subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Radiography**

**Fields:** Diagnostic; Therapeutic

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Subjects required:** Mathematics and a natural science subject (as from 1996 Biology and Physical Science will also be required)

**Subjects recommended:** Physical Science or Biology

**Selection:** Personal interview (student must arrange a date)

**Note:** Registration with the SA Medical and Dental Council and immunisation against Hepatitis B are necessary. A First Aid Certificate is presented at the Technikon in the first year of study

**Fees:** First year: R694 - R894 per subject; second year: R714 per subject and third year: R474 - R962 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Radiography**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics HG (E symbol) or SG (D symbol) and Biology or Physical Science HG (E symbol) or SG (D symbol)

**Subjects recommended:** Biology HG (E symbol) or SG (D symbol)

**Selection:** Selection tests and a personal interview

**Fees:** 5 subjects @ approximately R760 per subject p.a.

## REAL ESTATE

**Occupation(s):** Property valuer; Property consultant; Property marketer

**Personal requirements:** Integrity, honesty, reliability and good human relations

**Nature of work:** A valuer establishes the monetary value of property; A property consultant furnishes clients with a comprehensive survey of property on the market and a property marketer formulates the most effective marketing plan

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Real Estate (Property Valuation)**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission and with a D symbol aggregate (six subjects at HG and/or SG)

**Subjects required:** First Language HG and Second Language HG

**Selection:** Psychometric testing and/or aptitude testing and/or a personal interview

**Note:** Viability of course is determined by student numbers

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Real Estate (Property Marketing)**

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission and with a D symbol aggregate (LG subjects are unacceptable)

**Subjects required:** First Language HG and Second Language HG

**Selection:** Psychometric testing, aptitude tests or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Real Estate**



**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission and with a minimum of four HG and/or SG subjects, official languages included (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Mathematics

**Fees:** R655 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma:** Real Estate

Correspondence course;

**Fields:** Property Marketing; Property Practice; Property Valuation

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Subjects recommended:** Economics, Mathematics, Accountancy

**Additional requirements:** To qualify for registration as valuer or associated valuer, a person has to obtain a qualification laid down by the Council for Valuers and have sufficient practical experience in property valuation

**Note:** Persons who enrol for the Property Valuation field of study for the first time must simultaneously register with the SA Council for Valuers as valuer-in-training. Students who register for Information Systems I must have access to a computer (approximately 1 hour per week)

**Fees:** R390 per subject. The examination for valuers is handled by the SA Institute of Valuers at R171 per examination

## REGISTRATION OF DEEDS

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma:** Registration of Deeds Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject

## RESIDENTIAL CHILD CARE

**Occupation(s):** Child care worker; House-parent

**Personal requirements:** Physically healthy, responsible and prepared to lend a helping hand in need

**Nature of work:** Child care workers are usually houseparents in children homes, places of safety, industrial schools, reform schools, nursery schools and care centres. The qualification helps child care workers to assist children in overcoming the consequences of social problems, but it is not a teaching qualification

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Residential Child Care

**Duration:** 2 years and 6 months formal training and 6 months experiential training

**Entry qualification:** Senior Certificate without university admission and with a minimum of four subjects on HG and/or SG, official languages included (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Fees:** R3910 per annum

## **RETAIL BUSINESS MANAGEMENT**

**Occupation(s):** Retail business manager

**Personal requirements:** Creative, innovative, communicates well and enjoys working with people

**Nature of work:** Business undertakings in the distribution and marketing of products and services to the public. There is a great demand for trained persons in department stores, hypermarkets, food and non-food retailers, discount stores and speciality and consumer goods shops

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Retail Business Management**

**Duration:** 3 years full-time with practical experience

**Entry qualification:** Senior Certificate without university admission and with a D symbol aggregate (six subjects at HG and/or SG)

**Subjects required:** First and Second Language on HG

**Subjects recommended:** Economics, Mathematics, Accounting or Business Economics

**Selection:** Marks rating system

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** Peninsula Technikon

Afrikaans or English medium

**National Diploma: Retail Business Management**

**Duration:** 3 years full-time (3 month period of in-service training in the final year of study)

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** English First Language HG (E symbol) or English Second Language HG (D symbol)

**Subjects recommended:** Accounting, Mathematics or Business Economics

**Fees:** Approximately R500 per subject

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Retail Business Management**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and at least 5 subjects on HG and/or SG (a LG subject is acceptable if not required in the programme of study or if not one of the official languages)

**Selection:** Evaluation scale

**Fees:** R485 per subject

**Venue:** Technikon SA

Afrikaans and English medium

**National Diploma: Retail Business Management**

Correspondence course

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Additional requirements:** Students who register for End-User Computing I should have access to a computer (approximately 1 hour per week)

**Note:** This course is aimed at preparing people in the retail industry and related industries (wholesale and retail services industry) for possible promotion to management positions. It is also aimed at people in managerial positions already

**Fees:** R390 per subject

**Venue:** Technikon Witwatersrand

Afrikaans or English medium

**National Diploma: Retail Business Management**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Languages, Mathematics, Art, Accountancy, Biology, Business Economics, Geography, History, Physical Science or a Third Language

**Selection:** Academic tests, biographical

questionnaire and a personal interview  
**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

## **RUBBER TECHNOLOGY**

**Occupation(s):** Rubber technologist  
**Personal requirements:** Self-motivated, enquiring and logical mind, leadership potential and ability to work well with other people  
**Nature of work:** Involved in the conversion of raw rubber products, product development, development of more economic production methods, quality control and marketing

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Rubber Technology**  
**Duration:** 3 years full-time or part-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** Mathematics and Physical Science  
**Fees:** R150 - R530 per subject

**Venue:** Technikon Pretoria  
Afrikaans or English medium  
**National Certificate: Rubber Technology**  
**Duration:** 1 year - one semester formal training and one semester experiential training  
**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)  
**Subjects recommended:** Mathematics and Physical Science  
**Selection:** Academic achievement  
**Fees:** R450 - R550 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma: Rubber Technology**  
**Duration:** 3 years: 6 semesters formal training  
**Entry qualification:** Senior Certificate

without university admission and subjects on HG and/or SG (a maximum of two LG subjects are recognised, provided that these subjects are not a prerequisite for the proposed course of study)

**Subjects recommended:** Mathematics and Physical Science

**Selection:** Academic merit  
**Fees:** First semester: R450 - R550 per subject; second semester: R450 - R564 per subject and third semester: R464 - R754 per subject

## **SAFETY MANAGEMENT**

**Occupation(s):** Safety officer; Emergency planner; Risk manager; Loss control officer; Training officer in loss control; Security officer  
**Personal requirements:** Good human relations and ability to communicate with people at all levels  
**Nature of work:** Combats accidental loss and promotes behaviour that increases profit in the fields of mining, state and semi-state institutions, agriculture, chemical industry, building and construction, metal industry and aviation

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma in Safety Management**  
**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate without university admission

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma: Safety Management**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with subjects at HG and/or SG (2 subjects at LG are acceptable only if not required in the programme of study)  
**Fees:** First year: R642 per subject; second year: R642 - R660 per subject and third year: R678 - R716 per subject

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma: Safety Management**  
Correspondence course;

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject. The cost of the practical training in fire-fighting is approximately R450 and payable over and above the normal tuition fees

## SECRETARIAL

**Occupation(s):** Secretary; Administrative officer; Personal assistant

**Personal requirements:** Organised, self-motivated, people-orientated, hard-working, ability to maintain confidentiality, ability to implement decisions

**Nature of work:** Integrates a wide variety of electronic office equipment to ensure the efficient running of an office

**Venue:** Border Technikon  
English medium

**National Diploma: Secretarial: Office Administration**

**Duration:** 3 years full-time, including experiential training

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Typing

**Selection:** Academic achievement

**Note:** A one-year, full-time Pre-Secretarial course, which provides entrance to this Diploma, may be followed if the student's qualifications do not meet the admission requirements

**Fees:** 1993: First year: R2350; second year: R2435; third year: R1985

**Venue:** Mangosuthu Technikon  
English medium

**National Diploma: Secretarial: Executive Secretary**

**Duration:** 3 years full-time or 4 years

part-time

**Entry qualification:** Senior Certificate without university admission (E aggregate)  
**Subjects required:** English HG (E symbol)

**Selection:** Entry tests

**Fees:** R1640 per semester

**Venue:** Mangosuthu Technikon  
English medium

**National Diploma: Secretarial: Office Administration**

**Duration:** 3 years full-time or 4 years part-time

**Entry qualification:** Senior Certificate without university admission (E aggregate)  
**Subjects required:** English HG (E symbol)

**Selection:** Admission test

**Fees:** R1640 per semester

**Venue:** Peninsula Technikon  
Afrikaans or English medium

**National Diploma: Secretarial: Office Administration**

**Duration:** 3 years full-time (practical work at businesses forms part of the course)

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Accounting and Typing  
**Subjects recommended:** D symbol in the languages

**Fees:** Approximately R500 per subject

**Venue:** Setlogelo Technikon  
English medium

**National Higher Certificate: Secretarial: Office Administration**

**Duration:** 2 years

**Entry qualification:** Senior Certificate

**Selection:** Academic merit

**Fees:** R175 per subject per semester

**Venue:** Setlogelo Technikon  
English medium

**National Diploma: Secretarial: Office Administration**

**Duration:** 3 years full-time (5 weeks experiential training)

**Entry qualification:** National Higher Certificate: Secretarial: Office Administration

**Selection:** Academic merit

**Fees:** R175 per subject per semester

**Venue:** Technikon Northern Transvaal  
English medium

**National Diploma: Secretarial: Commercial Practice**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission (E symbol aggregate)

**Subjects required:** English (Second Language) HG (D symbol) and Afrikaans (E symbol)

**Selection:** Academic merit

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Northern Transvaal  
English medium

**National Diploma: Secretarial: Office Administration**

**Duration:** 3 years part-time

**Entry qualification:** Senior Certificate without university admission (E aggregate)

**Subjects required:** English (Second Language) HG (D symbol) and Afrikaans (E symbol)

**Selection:** Academic achievement

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Northern Transvaal  
English medium

**National Diploma: Secretarial: Executive Secretary**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission (E aggregate)

**Subjects required:** English (Second Language) HG (D symbol) and Afrikaans (E symbol)

**Selection:** Academic achievement

**Note:** 1992 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Secretarial: Office Administration**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Selection:** A personal interview

**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Secretarial: Executive Secretary**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Selection:** A personal interview

**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

## **SMALL BUSINESS DEVELOPMENT**

**Venue:** Technikon Northern Transvaal  
English medium

**Certificate: Small Business Development**

**Duration:** 4 months part-time (one evening per week)

**Entry qualification:** No admission requirements

**Note:** 1992 information

## **SPORT ADMINISTRATION AND MARKETING**

**Occupation(s):** Sport administrative officer; Sport marketer

**Personal requirements:** A keen interest in sport, initiative and enjoys working with people

**Nature of work:** Organises sport and attends meetings of different sport bodies

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma:** Sport Administration and Marketing  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission (subjects passed on the LG are not acceptable) or NTC III  
**Subjects required:** First Language HG (E symbol) or SG (D symbol) - SG (E symbol) if it is a converted HG point  
**Selection:** Academic merit; golf - single handicap; soccer - province representation and/or club representation; hockey - participation in a High School Interprovincial Tournament and/or a Senior Inter provincial Tournament  
**Note:** Sport in which the Technikon will specialise are golf, hockey or soccer  
**Fees:** R420 - R650 per subject

**Venue:** Technikon Pretoria  
Afrikaans and English medium  
**National Diploma:** Sport Administration and Marketing  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission and HG and/or SG subjects (2 LG subjects are accepted only if not required in the programme of study)  
**Additional requirements:** A CV with all sport achievements  
**Fees:** First year of study: R484 - R642 per subject; second year of study: R660 - R730 per subject and third year of study: R678 - R836 per subject

**Venue:** Vaal Triangle Technikon  
Afrikaans and English  
**National Diploma:** Sport Administration and Marketing  
**Duration:** 3 years full-time and part-time  
**Entry qualification:** Senior Certificate without university admission and at least four subjects on HG and/or SG (including the official languages)  
**Selection:** Swedish points system

**Fees:** First year: R2578

## **STATE ACCOUNTS AND FINANCE: INLAND REVENUE**

**Occupation(s):** Government accountant; Taxation officer  
**Personal requirements:** Aptitude for figures, reliable and honest and enjoys working with people

**Nature of work:** Determines the taxable income of individuals and companies, detects cases where taxes are evaded, collects taxes, audits records and interprets tax legislation

**Venue:** Technikon SA  
Afrikaans and English medium  
**National Diploma:** State Accounts and Finance (Inland Revenue)  
Correspondence course;  
**Duration:** 3 years  
**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)  
**Note:** After obtaining this diploma, students may register for the National Higher Diploma: Taxation, after which they may, with the necessary practical experience, obtain the qualification of Master taxation auditor (in the Department of Inland Revenue)  
**Fees:** R390 per subject

**Venue:** Transkei Technikon  
English medium  
**National Diploma:** State Accounts & Finance (Inland Revenue)  
**Duration:** 3 years part-time  
**Entry qualification:** Senior Certificate without university admission  
**Additional requirements:** Full-time employment, relevant to the course of study  
**Selection:** Academic merit

## STATE ADMINISTRATION

**Venue:** Cape Technikon

Afrikaans and English medium

**National Diploma:** State Administration

**Duration:** 4 years part-time

**Entry qualification:** Senior Certificate without university admission and with a D symbol aggregate (six subjects at HG and/or SG)

**Subjects required:** First Language HG and Second Language HG

**Selection:** Psychometric testing and/or an aptitude test and/or an interview

**Note:** Viability of course is determined by student numbers

**Fees:** Approximately R3000 - R6000 p.a.

## SURFACE MINING

**Occupation(s):** Mining technician

**Personal requirements:** Physically fit, adaptable to changing situations, responsible and co-operative

**Nature of work:** Investigates mineral deposits in co-operation with geologists and takes responsibility for aspects such as mining equipment, explosives, transport and processing of ore, etc.

**Venue:** Technikon SA

Afrikaans or English medium

**National Diploma:** Surface Mining

Correspondence course;

**Duration:** 3 years. Proof has to be produced that student has been employed for a period of at least three years in a mining or related practice

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Subjects required:** Mathematics

**Subjects recommended:** Chemistry and Physics

**Additional requirements:** Student must be employed by a mining company or in a mining-related career

**Fees:** R430 per subject

## SURVEYING

**Occupation(s):** Surveying technician

**Personal requirements:** Enjoys travelling and working outdoors, responsible and good human relations

**Nature of work:** Mapping and collection of all necessary data on the nature of the land on which a planned scheme is to be executed. Geodetic surveying involves accuracy, used to establish the shape of the planet earth; with cadastral surveying property boundaries are determined; hydrographic surveying is used to map the sea bed; mine surveying involves underground workings; topographical surveying involves the physical features on the ground and engineering surveying involves the setting out and maintenance of all buildings

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Surveying

**Duration:** 3 years full-time: 18 months formal training and 18 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission (six subjects at HG and/or SG)

**Subjects required:** First Language HG and Second Language SG; Mathematics SG (D symbol) or HG (E symbol) or N4 Mathematics at least 50% (Functional Mathematics is unacceptable)

**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Surveying

**Duration:** 4 semesters full-time and 2 semesters in-service training

**Entry qualification:** Senior Certificate without university admission and with subjects on HG and/or SG

**Subjects required:** English (First Language), Afrikaans or another language and Mathematics

**Subjects recommended:** Physical Science

or Physics and/or Technical Drawing  
**Selection:** Academic merit  
**Fees:** R3720 per annum or R1860 per semester

**Venue:** Mangosuthu Technikon  
English medium  
**National Diploma: Surveying**  
**Duration:** 4 semesters formal training and 2 semesters appropriate experiential training  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** English, Mathematics and a natural science subject  
**Selection:** Academic merit  
**Fees:** R1960 per semester

**Venue:** Peninsula Technikon  
Afrikaans or English medium  
**National Diploma: Surveying**  
**Duration:** 3 years: 2 years formal training and one year experiential training with an approved civil engineering consultant, contractor or land surveyor. Land Surveying: 1 year formal training and 1 year experiential training. The third year will be offered as the need arises  
**Entry qualification:** Senior Certificate without university admission or N3  
**Subjects required:** Mathematics for Senior Certificate. One language (this need not be Afrikaans or English) as First Language SG and one official language as Second Language SG for N3 candidates  
**Fees:** Approximately R161 per subject p.a.

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Surveying**  
**Duration:** 3 years: 2 years' formal training and 1 year's experiential training  
**Entry qualification:** Senior Certificate without university admission with a minimum of 4 subjects on HG and/or SG, official languages included. Subjects on LG are acceptable only if not required in the programme of study or a N3 Certi-

ificate with 4 subjects plus the two official languages  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol) and Mathematics HG (E symbol) or SG (D symbol)  
**Selection:** Academic point rating  
**Fees:** R2630 per semester or R610 per subject

**Venue:** Technikon Northern Transvaal  
English medium  
**National Diploma: Surveying**  
**Duration:** 6 semesters: 4 semesters full-time study at Technikon and 2 semesters of experiential training with an approved employer  
**Entry qualification:** Senior Certificate without university admission (C aggregate) or N4 with at least 5 appropriate subjects or successful completion of the Potentiality Development Programme  
**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. N4: Mathematics (60%) and English  
**Selection:** Aptitude tests  
**Note:** A Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information  
**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Pretoria  
Afrikaans or English medium  
**National Diploma: Surveying**  
**Duration:** Four semesters formal training and two semesters experiential training  
**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)



**Subjects required:** Mathematics and Physical Science HG (E symbol) or SG (C symbol)

**Selection:** Academic achievement and applicable subjects

**Note:** It is compulsory for students to register with the SA Council for Professional Surveyors and Technical Surveyors as technician-in-training

**Fees:** R224 - R506 per subject per semester

**Venue:** Technikon Witwatersrand  
English medium

**National Diploma:** Surveying

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Physical Science and the First Language (HG: D symbol in one and HG: E symbol in the other), Second Language SG (D symbol) and Mathematics HG (D symbol)

**Subjects recommended:** Computer Science and Geography

**Selection:** Selection test and a personal interview if required

**Fees:** 6 subjects @ approximately R760 each p.a. or R380 each per semester

## TELECOMS

**Venue:** Technikon SA

Afrikaans or English medium

**National Diploma:** Telecoms

Correspondence course

**Duration:** Only subjects (Mathematics I, II and III) from the National Diploma: Telecoms are offered. It is not a full diploma course

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages)

**Fees:** R390 per subject

## TERTIARY FOUNDATION COURSE

**Venue:** Border Technikon

English medium

**Tertiary Foundation Course**

**Duration:** 1 year full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects required:** Mathematics F symbol and Physical Science or equivalent

**Selection:** Academic merit

**Note:** This course enables a student to further studies at the Border Technikon or other tertiary institutions

**Fees:** 1993: R1660

## TEXTILE DESIGN

**Occupation(s):** Textile designer

**Personal requirements:** Artistic, innovative, creative and a rich imagination

**Nature of work:** Creates/develops surface designs or patterns for fabric, furniture, carpets, wallpapers, T-shirts or gift wrapping

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Textile Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and with six subjects (LG subjects are unacceptable)

**Subjects required:** First Language HG and Second Language SG

**Selection:** Portfolio, proving artistic talent and which consists of a drawing of a garment draped over a chair, another of a whole clothed figure, another of a composition of at least three different types of flowers, a collage of a tropical forest and desert sands, a creation of an original textile design of the collage and a maximum of 3 pieces executed as part of the school syllabus (details obtainable from the School of Design at the Technikon)

**Fees:** First year: R3840; second year: R4310 and third year: R4350

**Venue:** M.L. Sultan Technikon  
English medium  
**National Diploma: Textile Design**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission with subjects on HG and/or SG  
**Subjects required:** Both official languages  
**Selection:** Aptitude test and a personal interview  
**Fees:** R2960 p.a.

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium  
**National Diploma: Textile Design**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission  
**Subjects required:** First Language HG (E symbol) or SG (D symbol) - SG (E symbol) provided that this is a converted HG point  
**Additional requirements:** It is possible that students will be required to attend interviews, supply a portfolio of work and/or be evaluated through examination  
**Fees:** R720 per subject

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma: Textile Design**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission and with a minimum of four HG and/or SG subjects, official languages included (a LG subject is acceptable only if not required in the programme of study)  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)  
**Selection:** Portfolio of creative work, a drawing test and a personal interview  
**Fees:** R4680 p.a.

**Venue:** Technikon Pretoria  
Afrikaans or English medium

**National Diploma: Textile Design**  
**Duration:** 3 years full-time  
**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)  
**Selection:** Academic achievement  
**Fees:** First year: R474 - R790 per subject; second year: R538 - R788 per subject and third year: R552 - R802 per subject

## TEXTILE TECHNOLOGY

**Occupation(s):** Textile technologist  
**Personal requirements:** Technical skill, initiative, good judgement and artistic ability  
**Nature of work:** Engaged in quality control, assists with technical advice, develops new processes or materials. Fabrics or yarns are finished to give them special properties such as flame resistance or waterproofing

**Venue:** Technikon Natal  
Afrikaans or English medium  
**National Diploma in Textile Technology**  
**Duration:** One year and 6 months formal training and one year and 6 months experiential training  
**Entry qualification:** Senior Certificate without university admission and with a minimum of four HG and/or SG subjects, official languages included (a LG subject is acceptable only if not required in the programme of study)  
**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)  
**Subjects recommended:** Mathematics and/or Physical Science on HG but at least SG (D symbol)  
**Additional requirements:** 6 months prior employment in the textile industry  
**Fees:** R2590 per semester or R600 per subject

## THEATRE CRAFTS

**Occupation(s):** Stage dresser; Make-up artist; Decor artist; Theatre technician; Stage manager

**Personal requirements:** Technical aptitude, dexterous, able to adjust to changing circumstances and to work as part of a team

**Nature of work:** Works behind the stage most of the time and is responsible for all the technical aspects of a production

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma: Performing Art: Theatre Crafts**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and with a minimum of four HG and/or SG subjects, official languages included (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Subjects recommended:** Art, Technical Drawing, Physical Science and Housecraft

**Selection:** An interview

**Fees:** R4680 per annum

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Performing Art: Theatre Crafts: Stage Technology**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Selection:** A departmental practical test and a personal interview (the first year of study is the next phase in the selection process)

**Fees:** First year: R258 - R1258 per subject; second year: R264 - R1264 per subject and third year: R272 - R1272 per

subject

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma: Performing Art: Theatre Crafts: Stage Dressing**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects - acceptable only if not required in the programme of study)

**Selection:** Practical test and an interview. The first year of study is the next phase in the selection process

**Fees:** First year: R258 - R1258 per subject; second year: R264 - R1264 per subject and third year: R272 - R1272 per subject

## THREE-DIMENSIONAL DESIGN/INDUSTRIAL DESIGN

**Occupation(s):** Industrial designer

**Personal requirements:** Must be creative, yet practical, with good drawing and modelling skills and a sound understanding of manufacturing processes and materials, marketing, etc.

**Nature of work:** Designs products such as kettles, cars, professional equipment, furniture machinery, etc. to be functional, safe and at the same time satisfies the user's feeling for aesthetics

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Three-dimensional Design**

Three-dimensional Design/Industrial Design

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission with six subjects (HG or SG only)

**Subjects required:** First Language HG and Second Language SG

**Selection:** A portfolio of creative work which consists of a pencil drawing of two man-made objects, a colour composition of

the letters in your name, a full-length study of a clothed human figure, a drawing of an interior space, a cardboard model of a chair, a design of a work station and additional works which you consider relevant (details are obtainable from the School of Design at the Technikon)

**Fees:** First year: R3850; second year: R3950 and third year: R3990

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Three-dimensional Design**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Art, Physical Science, Technica, Technical Drawing, Woodwork, Metalwork or Computer Science

**Additional requirements:** Work experience highly recommended

**Selection:** Entrance examination and the submission of a portfolio

**Note:** This course is a preparatory programme for the NHD: Industrial Design

**Fees:** 6 subjects @ approximately R480 per subject

## TOWN AND REGIONAL PLANNING

**Occupation(s):** Town and regional planning technician

**Personal requirements:** Creative, three-dimensional ability, good visual perception and the ability to communicate effectively

**Nature of work:** Works as one of a team (made up of engineers, architects, geologists, surveyors, economists, landscape architects and social scientists) in the development and planning of residence, work places and recreational facilities. Work embraces inter alia land surveying, planning, presentation of data by means of maps, graphs, diagrams, sketches and the construction of scale models for proposed schemes

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Town and Regional Planning**

**Duration:** 3 years full-time: 18 months formal training and 18 months appropriate in-service training

**Entry qualification:** Senior Certificate without university admission (six subjects at HG and/or SG)

**Subjects required:** First Language HG and Second Language SG; Mathematics SG (D symbol) or HG (E symbol) or N3 Mathematics (70%) or N4 Mathematics (60%)

**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon  
English medium

**National Diploma: Town and Regional Planning**

**Duration:** 3 years full-time: 2 years' formal training (years one and three) and one year's appropriate in-service training (year two)

**Entry qualification:** Senior Certificate without university admission and with HG or SG subjects

**Subjects required:** Mathematics HG; English (First Language) and Afrikaans or another language

**Subjects recommended:** Physical Science  
**Fees:** R3720 per annum or R1860 per semester

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma: Town and Regional Planning**

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission or a N3 Certificate

**Subjects required:** First Language HG (E symbol), Second Language SG (D symbol) and Mathematics HG (E symbol) or SG (D symbol) for Senior Certificate. For the N3

Certificate an average of 60% with a minimum of 55% for Mathematics, Trade Theory, Building Science and Architectural Draughting, as well as the First Language HG (E symbol) and Second Language SG (D symbol)

**Subjects recommended:** Geography

**Selection:** Selection test

**Fees:** 6 subjects @ approximately R760 each p.a. or R380 each per semester

## TRAVEL AND TOURISM

**Occupation(s):** Travel consultant; Travel agent; Tour operator

**Personal requirements:** General knowledge of world and geography and history, tactfulness and the ability to communicate effectively

**Nature of work:** Advises clients on their travel requirements, makes the necessary bookings and reserves accommodation, plans the most economical routes and confirms information. Job opportunities exist with travel agencies, tour operators, the transport sectors and accommodation reception in all areas including nature parks

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma: Travel and Tourism**

**Duration:** 3 years full-time, including experiential training or 4 years part-time

**Entry qualification:** Senior Certificate without university admission and with a D symbol aggregate (six subjects on HG and/or SG)

**Subjects required:** First Language HG (D symbol) and Second Language HG (D symbol)

**Subjects recommended:** Geography, Mathematics or Accountancy

**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma: Travel and Tourism**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission and with HG and/or SG subjects

**Subjects required:** Both official languages at HG or SG

**Selection:** Interview

**Fees:** R2475 p.a.

**Venue:** Port Elizabeth Technikon

Afrikaans and English medium

**National Diploma: Travel and Tourism**

**Duration:** 3 years full-time

**Entry qualification:** Senior Certificate without university admission (LG subjects are unacceptable)

**Subjects required:** Both official languages at HG (E symbol) or SG (D symbol)

**Selection:** Academic achievement

**Venue:** Technikon OFS

Afrikaans or English medium

**National Diploma: Travel and Tourism**

**Duration:** 3 years full-time, which includes 6 months experiential training

**Entry qualification:** Senior Certificate without university admission and at least 5 subjects at HG and/or SG (a LG subject is accepted if not required in the programme of study or if not one of the official languages)

**Selection:** Evaluation scale

**Fees:** R485 per subject

**Venue:** Technikon Pretoria

Afrikaans and English medium

**National Diploma: Travelling Industry and Tourism**

**Duration:** 3 years full-time. A minimum of 6 months experiential training should be arranged by student

**Entry qualification:** Senior Certificate without university admission (with a maximum of two LG subjects and which are acceptable only if not required in the programme of study)

**Subjects required:** An official language HG (D symbol) or SG (C symbol)

**Subjects recommended:** Typing, History, Geography, a Third Language, Accounting, Economics, Mathematics or Business Economics

**Selection:** Academic achievement and a personal interview with personnel of the Tourism Department may be necessary

**Note:** This course is not for the training of touring guides. It is intended for travelling consultants in the travelling industry and tourism in general

**Fees:** First year: R642 - R3042 per subject; second year: R660 - R3060 per subject and third year: R100 - R678 per subject

**Venue:** Technikon Witwatersrand  
Afrikaans or English medium

**National Diploma:** Travel and Tourism

**Duration:** 3 years

**Entry qualification:** Senior Certificate without university admission

**Subjects recommended:** Languages, Mathematics, Art, Accountancy, Biology, Business Economics, Geography, History, Physical Science or a Third Language

**Selection:** Academic tests, biographical questionnaire and a personal interview

**Fees:** 5 subjects @ approximately R670 each p.a. or R380 each per semester

**Venue:** Vaal Triangle Technikon  
Afrikaans and English

**National Diploma:** Travel and Tourism

**Duration:** 3 years full-time and part-time

**Entry qualification:** Senior Certificate without university admission with at least four subjects on HG and/or SG (including the official languages)

**Selection:** Swedish points system

**Fees:** First year: R2687

## VETERINARY TECHNOLOGY

**Occupation(s):** Veterinary technologist

**Personal requirements:** Scientifically minded, dexterous, observant, dedicated and flair for laboratory work

**Nature of work:** Diagnosis sickness in

animals by means of tests on tissue or blood, does technical and field studies in research projects and takes part in the preparation of biological products such as vaccine for the prevention of disease

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma:** Veterinary Technology

**Duration:** 3 years: 4 semesters formal training and 2 semesters appropriate in-service training

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG. Subjects on LG are acceptable only if not required in the programme of study

**Subjects required:** Mathematics HG and Physical Science HG

**Subjects recommended:** Biology (preferably on HG)

**Selection:** Academic achievement

**Fees:** First semester: R450 - R602 per subject; second semester: R556 - R568 per subject; third semester: R582 - R632 per subject; fourth semester: R320 - R596 per subject; fifth semester: R100 experiential training and sixth semester: R100 experiential training

## VIDEO TECHNOLOGY

**Occupation(s):** Video technician

**Personal requirements:** Dexterous, able to function under pressure, adjust to changing circumstances and able to get on well with people

**Nature of work:** The making of television programmes for entertainment, education, training and information with production companies, entertainment industries or be self-employed

**Venue:** Technikon Natal

Afrikaans or English medium

**National Diploma:** Video Technology

**Duration:** 2 years and 6 months formal training and 6 months experiential training

**Entry qualification:** Senior Certificate without university admission and with a

minimum of four subjects on HG and/or SG, official languages included (a LG subject is acceptable only if not required in the programme of study)

**Subjects required:** English First Language HG (E symbol) or SG (D symbol) or English Second Language HG (C symbol) or SG (B symbol)

**Additional requirements:** Experience or interest in the television or an allied subject area

**Selection:** Possible personal interview

**Fees:** First year: R5230 p.a.; second year (2 semesters): R3140 per semester; third year (1 semester): R3140 per semester

## **WATER CARE**

**Occupation(s):** Water care technician

**Personal requirements:** Mechanical aptitude, physical fitness and accuracy

**Nature of work:** Controls the purification process, reads and interprets readings to ensure a smooth running process, controls the chemicals, takes samples and repairs pumps and valves. A water care technician is employed by municipalities and other local authorities

**Venue:** Cape Technikon

Afrikaans or English medium

**National Diploma:** Water Care

**Duration:** 3 years part-time with the required in-service training at an approved institution

**Entry qualification:** Senior Certificate without university admission, D aggregate (six subjects at HG and/or SG)

**Subjects required:** First Language HG, Second Language SG, Mathematics and at least one natural science subject HG (E symbol) or SG (D symbol)

**Selection:** Psychometric testing and/or aptitude tests and/or a personal interview

**Fees:** Approximately R3000 - R6000 p.a.

**Venue:** M.L. Sultan Technikon

English medium

**National Diploma:** Water Care

**Duration:** 24 months full-time and 12

months appropriate in-service training or 4 years part-time: one day per week attendance and 12 months in-service training

**Entry qualification:** Senior Certificate without university admission (preferably university admission), with subjects on HG or SG

**Subjects required:** Biology and Physical Science

**Selection:** Academic merit

**Fees:** R3720 per annum or R1860 per semester

**Venue:** Technikon Northern Transvaal  
English medium

**National Diploma:** Water Care

**Duration:** 6 semesters: 4 semesters full-time study at the Technikon and 2 semesters experiential training with an approved employer

**Entry qualification:** Senior Certificate without university admission (C aggregate) or N4 with at least 5 appropriate subjects or successful completion of the Potentiality Programme

**Subjects required:** Senior Certificate: Mathematics (C symbol), Physical Science and English. N4: Mathematics (60%) and English

**Selection:** Aptitude tests

**Note:** A Potentiality Development Programme is available for students who do not meet the selection criteria in terms of school symbols. A Senior Certificate without university admission with a HG pass or an E symbol in Mathematics and Physical Science and a pass in English, is required for admission to this programme. 1993 information

**Fees:** 1994: R360 per subject per semester

**Venue:** Technikon Pretoria

Afrikaans or English medium

**National Diploma:** Water Care

**Duration:** 3 years (6 semesters) on a part-time basis, formal training as well as approved experiential training

**Entry qualification:** Senior Certificate

without university admission (a maximum of 2 subjects on LG - subjects on LG are acceptable only if not required in the programme of study) or N3 with official languages at Senior Certificate level

**Selection:** Academic achievement

**Fees:** First semester: R450 - R490 per subject; second semester: R520 - R566 per subject; third semester: R464 per subject; fourth semester: R464 per subject; fifth semester: R474 per subject and sixth semester: R474 per subject

## **WATER POLLUTION CONTROL**

**Venue:** Technikon SA  
Afrikaans and English medium

**National Certificate in Water Pollution Control**

Correspondence course;

**Duration:** 1 year

**Entry qualification:** Senior Certificate without university admission with a maximum of two subjects on LG (the two subjects on LG must exclude the official languages) or a qualification in Public Health or a related qualification

**Additional requirements:** Documentary proof of at least two years' relevant experience

**Note:** A practical assignment is required

**Fees:** R430 per subject

## **WOOD PRODUCTION ENGINEERING**

**Occupation(s):** Wood production engineering technician

**Personal requirements:** Scientifically inclined, interested in technology and ability to work with people

**Nature of work:** Assists in the processing of wood and in the production of various wood products

**Venue:** Port Elizabeth Technikon  
Afrikaans and English medium

## **National Diploma: Wood Production Engineering**

**Duration:** 6 semesters: 4 academic semesters at Saasveld and 2 experiential or practical semesters

**Entry qualification:** Senior Certificate without university admission (LG subjects are unacceptable)

**Subjects required:** First Language HG (E symbol) or SG (D symbol - or E symbol if it is a converted HG point)

**Subjects recommended:** Knowledge of an African language, Mathematics and Physical Science

**Additional requirements:** Completed national service is desirable and physical health and fitness

**Selection:** Scholastic achievement and an aptitude test

**Fees:** R390 per subject



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**OPLEIDINGSGELEENTHEDE**



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## AANKOOPBESTUUR

**Beroep(e):** Aankoopbestuurder

**Persoonlike vereistes:** Op en wakker, vinnig om 'n winsgewende geleentheid aan te gryp, stadig om vergunnings te maak en in staat om taktvol en beslis te onderhandel. Optrede moet onder alle omstandighede eties korrek wees

**Aard van werk:** Organiseer 'n sentrale aankoopfunksie, vind geskikte voorsieners, ontvang en plaas bestellings, beheer aflewering en herevalueer voorsieners. Verseker dat ondernemings van die regte hoeveelheid benodighede op die regte plekke en teen die regte pryse voorsien word

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Aankoopbestuur**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating (LG-vakke is onaanvaarbaar)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) - SG (E-simbool) indien dit 'n omgesette HG-punt is

**Keuring:** Akademie se meriete

**Gelde:** R580 - R650 per vak

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Aankoopbestuur**

**Duur:** 3 jaar voltyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating en met 5 vakke op HG en/of SG ('n LG-vak is slegs aanvaarbaar indien dit nie in die onderligprogram vereis word nie of een van die amptelike tale is nie)

**Vakke vereis:** Eerste en Tweede Taal HG of SG

**Vakke aanbeveel:** Rekeningkunde en/of Wiskunde

**Keuring:** Akademie se prestasie, aanleg en persoonlikheidsienskappe

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Aankoopbestuur**

**Duur:** 3 jaar voltyds of deelyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Keuring:** Akademie se prestasie en toepaslike vakke

**Nota:** Word in November 1996 uitgefaseer

**Gelde:** Eerste jaar: R484 - R758 per vak; tweede jaar: R642 - R710 per vak en derde jaar: R678 - R828 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Aankoopbestuur**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Nota:** Studente wat vir Rekenaareindverbruik I registreer, moet toegang tot 'n rekenaar hê

**Gelde:** R390 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Aankoopbestuur**

**Duur:** 3 jaar

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Tale, Wiskunde, Kuns, Rekeningkunde, Biologie, Bedryfs- ekonomie, Aardrykskunde, Geskiedenis, Natuur- en Skeikunde of 'n derde taal

**Keuring:** Punte skaal, akademiese toetse, biografiese vrae en 'n persoonlike onderhoud

**Gelde:** 5 vakke @ ongeveer R670 elk p.j. of R380 elk per semester

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Aankoopbestuur****Duur:** 3 jaar voltyds en deelyds**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG (die twee amptelike tale ingesluit)**Vakke aanbeveel:** Bedryfsekonomie, Ekonomie, Handelsreg, Rekeningkunde en Wiskunde**Keuring:** Sweedse Telskaal**Gelde:** Eerste jaar: R2765; tweede jaar: R2167 en derde jaar: R2274**ADMINISTRASIE****Waar:** Technikon Skiereiland Afrikaans- of Engelsmedium**Nasionale Diploma: Administrasie****Duur:** 3 jaar voltyds**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (D-simbool gemiddeld)**Vakke vereis:** Enige twee amptelike tale (D-simbool) en Finansiële Rekeningkunde**Keuring:** Persoonlike onderhoud**Nota:** Die doel van die diploma is om kandidate voor te berei vir 'n beroep in plaaslike owerheid**ADMINISTRASIE EN HANDEL:  
REKENINGKUNDE****Beroep(e):** Boekhouer, Kredietkontroleur; Finansiële klerk; Voorraadkontroleur**Persoonlike vereistes:** 'n Belangstelling in syfers, geld, finansiële verslae en opgawe; moet akkuraat wees met syfers**Aard van werk:** Analiseer en interpreteer finansiële verslae en kommunikeer met aandeelhouders en maatskappye**Waar:** Technikon Noord-Transvaal Engelsmedium**Diploma van die Instituut vir Administrasie en Handel van Suider Afrika:** Rekeningkunde**Duur:** 3 jaar voltyds**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool

gemiddeld)

**Vakke vereis:** Engels en Rekeningkunde HG (E-simbool) of SG (D-simbool)**Keuring:** Skolastiese prestasie**Nota:** 1992-ingligting**Gelde:** 1994: R360 per vak per semester**AMBULANS- EN NOODSORG****Beroep(e):** Ambulans- en nooddien-beampte**Persoonlike vereistes:** In staat om onmiddellike besluite te neem en moet simpatiek en onselfsugtig wees**Aard van werk:** Verskaf pre-hospitaalse nood sorg aan 'n siek of beseerde persoon. Stabiliseer die pasiënt en vervoer na die hospitaal**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Ambulans- en Nood-sorg****Duur:** 3 jaar voltyds**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) asook Wiskunde en/of Natuur- en Skeikunde (SG)**Bykomende vereistes:** Kandidate moet ten minste 18 jaar oud en in besit van 'n leerlingbestuurderslisensie wees**Gelde:** R2590 p.j. (R600 per vak)**Waar:** Technikon Witwatersrand Afrikaans- of Engelsmedium**Nasionale Diploma: Ambulans- en Nood-sorg****Duur:** 3 jaar voltyds**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie**Keuring:** Mediese ondersoek, fiksheids-

toetse, psigometriese keuringstoetse en 'n persoonlike onderhoud  
**Gelde:** R630 per vak

## **ANALITIESE CHEMIE**

**Beroep(e):** Chemiese tegnikus  
**Persoonlike vereistes:** 'n Belangstelling in Chemie; 'n tegniese aanvoeling; ondersoekend van geartheid en daartoe in staat om sistematies te werk en te studeer  
**Aard van werk:** Werk gewoonlik in 'n laboratorium of in die nywerheid buite die laboratorium. Gemoeid met kwaliteits-analise en -beheer (om intermedieë en finale produkte te toets en analisemetodes te verbeter), navorsing (meestal in 'n navorsingspan), en bemaking

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Analitiese Chemie**  
**Duur:** 3 jaar voltyds (6 maande ervaringsopleiding in 'n goedgekeurde laboratorium of aanleg)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke, D-simbool gemiddeld (slegs vakke op HG en SG is aanvaarbaar)  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool) asook Afrikaans en Engels waarvan een Eerste Taal HG moet wees  
**Keuring:** Psigometriese toetsing, aanlegtoetse of persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Analitiese Chemie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Wiskunde HG (E-simbool) of SG (C-simbool) en Natuur- en Skeikunde  
**Keuring:** Meriete  
**Gelde:** R3720 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma in Analitiese Chemie**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding, 6 maande projewerk en 6 maande ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde  
**Keuring:** Akademiese prestasie  
**Gelde:** R1960 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma in Analitiese Chemie**  
**Duur:** 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) en Wiskunde en Natuur- en Skeikunde HG of SG (D-simbool)  
**Keuring:** Akademiese prestasie  
**Gelde:** R380 - R820 per vak

**Waar:** Setlogelo Technikon  
Engelsmedium  
**Nasionale Diploma in Analitiese Chemie**  
**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating OF suksesvolle voltooiing van die Pre-tegnikuskursus  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (D-simbool) en Engels op Senior Sertifikaat-vlak  
**Keuring:** Puntestelsel  
**Gelde:** R175 per vak per semester

**Waar:** Setlogelo Technikon  
Engelsmedium  
**Pre-tegnikuskursus: Analitiese Chemie**  
**Duur:** 1 semester

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde en Engels (E-simbool)

**Nota:** Hierdie kursus word aanbeveel vir studente wat nie aan die toelatingsvereistes vir die Diploma in Analitiese Chemie voldoen nie

**Gelde:** R175 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma in Analitiese Chemie**

**Duur:** 3 jaar voltyds: 30 maande formele opleiding en 6 maande ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) asook Wiskunde en Natuur- en Skeikunde of Fisika HG (E-simbool) of SG (C-simbool)

**Gelde:** R2630 per semester (R610 per vak)

**Waar:** Technikon Noord-Transvaal

Engelsmedium

**Nasionale Diploma in Analitiese Chemie**

**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (C-simbool gemiddeld) OF suksesvolle voltooiing van die Potentiality Development Programme OF N4 met ten minste 5 toepaslike vakke

**Vakke vereis:** Senior Sertifikaat: Wiskunde (C-simbool), Natuur- en Skeikunde en Engels. N4: Wiskunde (60%) en Engels

**Keuring:** Aanlegtoets

**Nota:** Die Potentiality Development Programme is beskikbaar vir studente wie se matrieksimbole nie aan die vereiste standaard voldoen nie. 'n Senior Sertifikaat sonder universiteitstoelating met 'n HG-slaappunt of 'n E-simbool in Wiskunde en

Natuur- en Skeikunde en 'n slaappunt in Engels, word vir toelating tot die program vereis. 1993-ingligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma in Analitiese Chemie**

**Duur:** 3 jaar voltyds of deelytds: 5 semesters formele opleiding en 1 semester ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG of ten minste 'n C-simbool SG

**Keuring:** Akademiese prestasie

**Nota:** Studente wat nie aan die toelatingsvereistes voldoen nie, kan eers die sertifikaat vir laboratoriumassistente voltooi en daarna weer om toelating aansoek doen

**Gelde:** Eerste semester: R412 - R520 per vak; tweede semester: R464 - R544 per vak; derde semester: R464 - R550 per vak; vierde semester: R464 - R554 per vak; vyfde semester - ervaringsonderrig: R100; sesde semester - projek: R440

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma in Analitiese Chemie**

**Duur:** 3 jaar voltyds: 4 semesters formele opleiding en 12 maande toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Natuur- en Skeikunde en Wiskunde SG (D-simbool) of HG (E-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** Ongeveer R393 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma in Analitiese Chemie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Eerste Taal HG (E-simbool), Tweede Taal SG (D-simbool) en Wiskunde en Natuur- en Skeikunde HG (D-simbool) of SG (C-simbool)

**Bykomende vereistes:** Kandidate wat nie die voorgeskrewe simbole in die verpligte vakke behaal het nie, moet 'n toelatingseksamen aflê

**Gelde:** Ongeveer R380 per vak per semester of ongeveer R760 per vak p.j.

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma in Analitiese Chemie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG (amptelike tale ingesluit)

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)

**Keuring:** Puntestelsel

**Gelde:** Eerste semester: R1857; tweede semester: R2019; derde semester: R2012; vierde semester: R1857; vyfde semester: R250

## **APTEEKVERKOOPKONSULTANT**

**Beroep(e):** Apteekverkoopkonsultant

**Persoonlike vereistes:** Taktvol, diplomatie en die vermoë om gemaklik met mense te verkeer

**Aard van werk:** Stel die organisasie se produkte en dienste aan voornemende kliënte bekend

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Sertifikaat vir Apteekverkoopkonsultante**

**Duur:** 1 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Gelde:** R3720 per jaar of R1860 per semester

## **ARBEIDSVERHOUDINGE**

**Waar:** Technikon Witwatersrand

Afrikaans- en Engelsmedium

**Nasionale Diploma: Arbeidsverhoudinge**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Keuringstoets

**Gelde:** Ongeveer R380 per vak per semester

## **ARGITEKTUURTEGNOLOGIE**

**Beroep(e):** Argitektuurtegnikus

**Persoonlike vereistes:** Kreatiwiteit, vermoë om onafhanklik te dink, probleme op te los, grafies en verbaal te kommunikeer en idees prakties te realiseer

**Aard van werk:** Die argitektuurtegnikus se werk is hoofsaaklik om raad te gee en besluite te neem oor boumateriale en elemente en die gebruik daarvan om doeltreffende geboue op te rig. Ander vaardighede sluit opmeting, voorstellingstekenwerk, kantoorbestuur, toesig oor bouwerk, onderhandelinge met plaaslike owerhede en die toepassing van bouregulasies in

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Argitektuurtegnologie**

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke en sonder enige vakke op LG

**Vakke vereis:** Afrikaans en Engels (met die Eerste Taal op HG) en Wiskunde SG (E-simbool) of N3 Wiskunde (60%)

**Keuring:** Portefeulje van kreatiewe werk, aanlegoefeninge en 'n voorgeskrewe taak

**Gelde:** Ongeveer R3000 - R6000 p.j.



**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma:** **Argitektuurtegnologie**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Wiskunde HG en Engels Eerste Taal  
**Keuring:** Meriete  
**Gelde:** R3720 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma:** **Argitektuurtegnologie**  
**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke of 'n N3-sertifikaat met vier vakke plus albei amptelike tale op Senior Sertifikaatvlak  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Houtwerk, Metaalwerk, Tegniese Tekene, Kuns, Natuur- en Skeikunde, Wiskunde  
**Keuring:** Keuringstoetse  
**Gelde:** R190 - R660 per vak

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Argitektuurtegnologie**  
**Duur:** 3 jaar voltyds: 30 maande formele opleiding en 6 maande ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-

simbool)  
**Vakke aanbeveel:** Wiskunde, Kuns, Natuur- en Skeikunde, Aardrykskunde, Tegniese Tekene  
**Keuring:** Puntestelsel  
**Gelde:** Eerste en derde jaar: R4720 p.j. (R1115 per vak); tweede jaar: R610 per vak (slegs 3 vakke)

**Waar:** Technikon Noord-Transvaal  
Engelsmedium  
**Nasionale Diploma:** **Argitektuurtegnologie**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (C-simbool gemiddeld) OF suksesvolle voltooiing van die Potentiality Development Programme OF N4 met ten minste 5 toepaslike vakke  
**Vakke vereis:** Senior Sertifikaat: Wiskunde (C-simbool), Natuur- en Skeikunde en Engels. N4: Wiskunde (60%) en 'n slaagpunt in Engels  
**Keuring:** Aanlegtoetse  
**Nota:** Die Potentiality Development Programme is beskikbaar vir studente wie se matrieksimbole nie aan die vereiste standaard voldoen nie. 'n Senior Sertifikaat sonder universiteitstoelating met 'n HG-simbool of 'n E-simbool in Wiskunde en Natuur- en Skeikunde en 'n slaagpunt in Engels, word vir toelating tot die program vereis. 1993-inligting  
**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Argitektuurtegnologie**  
**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Keuring:** Akademiese prestasie en 'n keuringstelsel

**Gelde:** Eerste jaar: R224 - R768 per vak;  
tweede jaar: R740 per vak; derde jaar:  
R380 - R810 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Argitektuurtegnologie**  
**Duur:** 3 jaar voltyds: 24 maande formele  
opleiding en 12 maande toepaslike erva-  
ringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating of NTS III  
**Vakke vereis:** Eerste en Tweede Taal SG  
(Senior Sertifikaatvlak) vir NTS III  
**Vakke aanbeveel:** Houtwerk, Wiskunde,  
Natuur- en Skeikunde, Tegniese Tekene,  
Kuns  
**Keuring:** Portefeulje van kreatiewe werk  
en persoonlike onderhoud  
**Gelde:** Ongeveer R115 - R508 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Argitektuurtegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Eerste Taal HG (E-sim-  
bool), Tweede Taal SG (D-simbool) en  
Wiskunde  
**Vakke aanbeveel:** Kuns, Tegniese Tekene  
**Keuring:** Keuringstoets  
**Gelde:** Ongeveer R380 per vak per semes-  
ter of ongeveer R760 per vak p.j.

## **BALLET**

**Beroep(e):** Balletdanser  
**Persoonlike vereistes:** korrekte liggaams-  
houding en temperament, musikaal en  
vermoë om toneel te speel  
**Aard van werk:** Dans gewoonlik vir 'n  
maatskappy en werksure is lank

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Ballet**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee vakke op LG. Die vakke  
op LG is slegs toelaatbaar indien dit nie in  
die onderrigprogram vereis word nie  
**Bykomende vereistes:** Elementêre RAD/-  
Cechetti-standaard  
**Keuring:** Oudisie  
**Gelde:** Eerste jaar: R258 - R1540 per vak;  
tweede jaar: R258 - R1584 per vak en  
derde jaar: R264 - R1628 per vak

## **BANKIERSWESE**

**Beroep(e):** Bankbeampte  
**Persoonlike vereistes:** Vermoë om met  
syfers te werk, finansiële insig, betroubaar-  
heid, verantwoordelikheid en eerlikheid  
**Aard van werk:** Ontvang deposito's, leen  
geld uit, fasiliteer vaste beleggings en gee  
finansiële raad

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Bankierswese**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ses vakke  
op HG en/of SG en 'n D+ gemiddeld  
**Vakke vereis:** Eerste en Tweede Taal HG  
**Vakke aanbeveel:** Rekeningkunde en/of  
Wiskunde  
**Keuring:** Rekenaar- en syferkundige aan-  
legtoets  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma:** **Bankierswese**  
**Duur:** 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating en sonder  
enige laergraadvakke  
**Vakke vereis:** Eerste Taal HG (E-simbool)  
of SG (D-simbool) asook 'n goeie slaag-  
punt in Wiskunde en/of Rekeningkunde

**Keuring:** Akademiese meriete

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Bankierswese

**Duur:** 3 jaar (12 weke praktiese vakansiewerk in 'n bank word vereis)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Rekeningkunde

**Keuring:** Akademiese prestasie

**Gelde:** R485 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Bankwese

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Rekeningkunde HG (D-simbool) of SG (C-simbool)

**Vakke aanbeveel:** Wiskunde

**Keuring:** Keuringstoets en persoonlike onderhoud

**Gelde:** Ongeveer R670 per vak p.j.

## **BEDRYFSINGENIEURSWESE**

**Beroep(e):** Bedryfsingenieurstechnikus

**Persoonlike vereistes:** 'n Wetenskaplike benadering, objektief, vermoë om werk met fyn besonderhede te lewer en om goeie menseverhoudinge te handhaaf

**Aard van werk:** Identifiseer probleme, beveel verbeterings aan en implementeer dit in die werksituasie. Skep 'n gunstige werksomgewing wat aan die fisiese en psigologiese behoeftes van die werknemers voldoen

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Bedryfsingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld of die N4-Sertifikaat

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG. Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool) vir Senior Sertifikaat of minstens 60% vir N4. Funksionele Wiskunde is nie aanvaarbaar nie

**Vakke aanbeveel:** Metaalwerk

**Keuring:** Moontlike psigometriese of aangelegtoetse of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma:** Bedryfsingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke) of N3

**Vakke vereis:** Wiskunde HG en 'n slaagpunt in Natuur- en Skeikunde en Engels Eerste Taal (of 'n ander taal) vir Senior Sertifikaat of 'n slaagpunt in Wiskunde, Toegepaste Wetenskap, Afrikaans en Engels (of 'n ander taal) vir die N3-Sertifikaat

**Keuring:** Academic achievement

**Gelde:** R3720 p.j.

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Bedryfsingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke) of die N3-Sertifikaat met twee tale op Senior Sertifikaat-vlak

**Vakke vereis:** Eerste Taal, Wiskunde en Natuur- en Skeikunde HG (E-simbool) of

SG (D-simbool) vir Senior Sertifikaat.  
Minstens 50% vir Wiskunde en Toegepaste Wetenskap vir die N3-Sertifikaat  
**Keuring:** Akademiese prestasie  
**Gelde:** R140 - R380 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Bedryfsingenieurswese**

**Duur:** 3 jaar voltyds; 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Wiskunde HG 40% of SG 50%

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste semester: R254 - R412 per vak; tweede semester: R370 - R504 per vak; derde semester: R384 - R564 per vak; vierde semester: R380 - R444 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Bedryfsingenieurswese**

**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Natuur- en Skeikunde, Wiskunde en een amptelike taal HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Tegnieese Tekene HG (E-simbool) of SG (D-simbool)  
**Keuring:** Keuring word verlang  
**Gelde:** Ongeveer R380 per vak per semester

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma:** **Bedryfsingenieurswese**  
**Duur:** 3 jaar (ervaringsopleiding ingesluit)  
**Toetreekwalifikasie:** Senior Sertifikaat

sonder universiteitstoelating met ten minste vier vakke op HG of SG of op N3-vlak  
**Vakke vereis:** Beide amptelike tale, Wiskunde en Natuur- en Skeikunde HG of SG. Vir die N3 Sertifikaat moet Wiskunde en Ingenieurswetenskap met minstens 50% geslaag word. 'n Ander taal mag as alternatief vir Afrikaans of Engels aangebied word

**Keuring:** Puntestelsel en moontlike toelatingstoets

**Gelde:** Eerste semester: R2128; tweede semester: R2088; derde semester: R1753; vierde semester: R2088

## BEELDENDE KUNS

**Beroep(e):** Beeldende kunstenaar  
**Persoonlike vereistes:** Goed ontwikkelde visuele vermoëns, kunstalent en verbeelding

**Aard van werk:** 'n Verskeidenheid van beroepe is moontlik waardeur die kunstenaar d.m.v. verskillende media kommunikeer. Dekor- en verhoogontwerpe kan vir die uitvoerende kunste gemaak word, kunswerke vir die televisiediens of museums en grafiese werk kan vir tydskrifte of koerante gedoen word

**Waar:** Border Technikon  
Engelsmedium  
**Nasionale Diploma:** **Beeldende Kuns**  
**Duur:** 3 jaar voltyds, ervaringsopleiding ingesluit

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke aanbeveel:** Tale en Kuns  
**Keuring:** Portefeulje van kunswerke en persoonlike onderhoud  
**Nota:** 1993-inligting

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma:** **Beeldende Kuns**  
**Rigtings:** Skilderkuns; Kunsdruk; Beeldhou  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of

SG-vakke)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Een hoërgraadvak soos Natuur- en Skeikunde, Geskiedenis of Kunstgeskiedenis

**Keuring:** 'n Moontlike onderhoud en voorlegging van portefeulje van werk

**Nota:** Kuns as 'n skoolvak is nie 'n vereiste nie

**Gelde:** R720 - R870 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Beeldende Kuns**

**Duur:** 3 jaar voltyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Portefeulje van kreatiewe werk en persoonlike onderhoud

**Gelde:** R4680 p.j. of R1105 per vak

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Beeldende Kuns**

**Duur:** 3 jaar voltyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Keuring:** Akademiese prestasie, aanleg en belangstelling

**Gelde:** Eerste jaar: R450 per vak; tweede en derde jaar: R500 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Beeldende Kuns**

**Duur:** 3 jaar voltyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste jaar: R474 - R790 per vak; tweede jaar: R488 - R1988 per vak; derde jaar: R502 - R2002 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Beeldende Kuns**

**Duur:** 3 jaar voltyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Kuns

**Keuring:** 'n Praktiese eksamen, 'n portefeulje van eie werk en 'n persoonlike onderhoud

**Gelde:** Ongeveer R480 per vak

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Beeldende Kuns**

**Rigtings:** Skilderkuns; Beeldhouwerk; Drukwerk

**Duur:** 3 jaar

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak

**Vakke vereis:** Albei amptelike tale HG of SG. Afrikaans of Engels mag deur 'n ander taal vervang word

**Keuring:** Puntestelsel, moontlike onderhoud en voorlegging van 'n portefeulje van kunswerke indien van toepassing

**Gelde:** Eerste jaar: R3283 p.j.; tweede jaar: R4727 p.j.; derde jaar: R4027 p.j.

## BEHUISINGSONTWIKKELING EN -BESTUUR

**Beroep(e):** Behuisingsontwikkelingsbestuurder; Behuisingsontwikkelingsbeplanner

**Persoonlike vereistes:** Vermoë om leiding te neem, besluite te neem, hard te werk en dit geniet om met mense te werk  
**Aard van werk:** Beplanning, organisering, leiding en kontrolering van projekte om beter behuising aan meer mense te verskaf

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Behuisingsontwikkeling en -bestuur**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)  
**Bykomende vereistes:** Toepaslike opleiding van ten minste drie maande sal 'n aanbeveling wees  
**Gelde:** R390 per vak

## **BEMARKING**

**Beroep(e):** Bemarkingsbestuurder; Verkoopsbestuurder; Bemarker  
**Persoonlike vereistes:** Vermoë om met mense op alle vlakke te kommunikeer, om probleme objektief te ontleed en oplossings aan te bied  
**Aard van werk:** Beplan en organiseer prysbepalings en verspeiding van produkte, advertensies en promosies. Verantwoordelik vir administrasie en beheer van die verkoopsplan en die algehele bemarkingsstrategie van 'n firma, sowel as vooruitkattings van verkope, begrotings, ens.

**Waar:** Border Technikon  
Engelsmedium  
**Nasionale Diploma: Bemarking**  
**Duur:** 3 jaar voltyds, ervaringsopleiding ingesluit  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Engels HG (E-simbool)  
**Keuring:** Akademieprestasie  
**Gelde:** 1993: Eerste en tweede jaar: R2075 p.j.; derde jaar: R1825 p.j.

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Bemarking**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld  
**Vakke vereis:** Eerste Taal en Tweede Taal HG  
**Vakke aanbeveel:** Wiskunde en handelsverwante vakke soos Rekeningkunde, Ekonomie en Bedryfsekonomie  
**Keuring:** Psigometriese toetse  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Bemarking**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)  
**Vakke vereis:** Engels HG (E-simbool) of SG (D-simbool) en 'n slaagpunt in Rekeningkunde  
**Keuring:** Akademieprestasie  
**Gelde:** R2475 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Bemarking**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld) met minstens 5 vakke op HG of SG  
**Vakke vereis:** Engels HG (E-simbool) en Wiskunde of Rekeningkunde HG (E-simbool)  
**Keuring:** Toelating aan keuring onderworpe  
**Gelde:** R1430 per semester of R410 per vak

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Bemarking**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat onder universiteitstoelating (slegs HG- of G-vakke)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** R580 - R650 per vak

**Waar:** Setlogelo Technikon (Mmabatho-ampus)  
ngelsmedium

**Nasionale Diploma: Bemarking**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat onder universiteitstoelating met 'n E-simbool gemiddeld

**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool). Engels (E-simbool) en n slaagpunt in die ander amptelike taal

**Vakke aanbeveel:** Wiskunde, Ekonomie en Handelsreg

**Keuring:** Akademiese prestasie

**Gelde:** R175 per semester per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Bemarking**

**Duur:** 3 jaar voltyds (of deelyds by die ietermaritzburgkampus)

**Toetreekwalifikasie:** Senior Sertifikaat onder universiteitstoelating (maksimum aan twee LG-vakke, amptelike tale uitgeluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels weede Taal HG (C-simbool) of SG (B-simbool) en Wiskunde HG (E-simbool) of G (C-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** Voltyds: R3990 p.j. of R935 per vak. Deelyds: R655 per vak

**Waar:** Technikon Noord-Transvaal  
ngelsmedium

**Nasionale Diploma: Bemarking**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-gemiddeld

**Vakke vereis:** Engels HG (E-simbool) of SG (D-simbool)

**Keuring:** Akademiese prestasie

**Nota:** 1992-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Bemarking**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke aanbeveel:** Wiskunde en Rekeningkunde

**Keuring:** Akademiese prestasie

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga-kampus); Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)

Afrikaans- of Engelsmedium

**Nasionale Diploma: Bemarking**

**Duur:** 3 jaar voltyds of deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Wiskunde, Rekeningkunde, Bedryfsekonomie en Ekonomie

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste jaar: R484 -R642 per vak; tweede jaar: R642 - R730 per vak; derde jaar: R728 - R896 per vak

**Waar:** Technikon SA

Afrikaans- of Engelsmedium

**Nasionale Hoër Sertifikaat: Bemarking**

Korrespondensie-kursus;

**Duur:** 2 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die 2 vakke op LG mag nie die amptelike tale wees nie)

**Nota:** Toegang (ongeveer 1 uur per week) tot 'n rekenaar word vereis

**Gelde:** R390 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Bemarking**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)

**Nota:** Toegang (ongeveer 1 uur per week) tot 'n rekenaar word vereis

**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Bemarking**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of Engels Tweede Taal HG (D-simbool). Voorkeur word gegee aan studente met goeie punte in Wiskunde en Rekeningkunde

**Keuring:** Akademiese prestasie

**Gelde:** Ongeveer R366 - R500 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Bemarking**

Bemarking

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Rekeningkunde, Wiskunde, Tale, Kuns, Biologie, Bedryfs- ekonomie, Aardrykskunde, Geskiedenis, Natuur- en Skeikunde en 'n derde taal

**Keuring:** Akademiese toetse, biografiese

vraelys en persoonlike onderhoud

**Gelde:** Ongeveer R380 per vak per semester

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Bemarking**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak

**Vakke vereis:** Albei amptelike tale op HG of SG

**Keuring:** Puntestelsel en moontlike plasingstoets

**Gelde:** Eerste jaar: R2540 p.j.; tweede jaar: R2630 p.j.; derde jaar: R2184 p.j.

## BESTUUR

**Beroep(e):** Bestuurder

**Persoonlike vereistes:** Selfgedisiplineerd, verantwoordelik, positief en geniet dit om met mense te werk

**Aard van werk:** Om sukses in die openbare sektor of in 'n privaat maatskappy of organisasie te behaal, is dit nodig dat die bestuurder die werksaamhede van so 'n organisasie d.m.v. effektiewe kommunikasie-metodes beplan, organiseer, koördineer en kontroleur

**Waar:** Border Technikon

Engelsmedium

**Nasionale Diploma: Bestuur**

**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit) of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels HG (E-simbool) en Wiskunde SG (E-simbool)

**Vakke aanbeveel:** Handelsvakke soos Rekeningkunde, Ekonomie en Bedryfs- ekonomie

**Keuring:** Akademiese prestasie

**Gelde:** 1993: Eerste en tweede jaar: R2075 p.j.; derde jaar R1880 p.j.



**Waar:** Kaapse Technikon  
Engels- en Afrikaansmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld  
**Vakke vereis:** Eerste en Tweede Taal HG  
**Keuring:** Psigometriese, aanleg- of taalvaardigheidstoetse  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)  
**Vakke vereis:** Engels HG (E-simbool) of SG (D-simbool) en 'n slaagpunt in Rekeningkunde  
**Keuring:** Akademiese prestasie  
**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Keuring:** Akademiese prestasie

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 3 jaar voltyds of deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-

simbool). Minstens standerd 8 Wiskunde, maar verkieslik standerd 10  
**Keuring:** Akademiese prestasie  
**Gelde:** Voltyds: R3910 p.j. of R910 per vak. Deelyds: R655 per vak

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie  
**Vakke aanbeveel:** Rekeningkunde  
**Keuring:** Akademiese prestasie  
**Gelde:** R485 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 3 jaar voltyds of deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke aanbeveel:** Wiskunde, Rekeningkunde, Bedryfseconomie en Ekonomie  
**Keuring:** Toelating aan keuring onderworpe  
**Gelde:** Eerste jaar: R642 - R722 per vak; tweede jaar: R642 - R762 per vak; derde jaar: R678 - R828 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Bestuur**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)

**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Engels Eerste Taal HG (E-  
simbool) of Engels Tweede Taal HG (D-  
simbool) en Wiskunde SG (E-simbool)  
**Gelde:** Ongeveer R113 - R500 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Bestuur**  
**Duur:** 3 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Een amptelike taal  
**Vakke aanbeveel:** Wiskunde en die ander  
amptelike taal  
**Keuring:** Word verlang  
**Gelde:** Ongeveer R380 per vak per semes-  
ter

## **BIBLIOTEEK- EN INLIG- TINGSPRAKTYK**

**Beroep(e):** Biblioteek- en inligtingsassis-  
tent; Inligtingsbeampte  
**Persoonlike vereistes:** Algemene kennis,  
goeie menseverhouding en ondersoekende  
geaardheid  
**Aard van werk:** Seleksiering, organisering  
en onttrekking van inligting om aan die  
behoefes van kliënte te voldoen

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Biblioteek- en Inlig-  
tingspraktyk**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ses vakke  
op HG of SG en 'n D-simbool gemiddeld  
**Vakke vereis:** Afrikaans en Engels HG  
**Keuring:** Psigometriese, aanleg- of taal-

vaardigheidstoetse of 'n persoonlike onder-  
houd

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Biblioteek- en Inlig-  
tingspraktyk**  
**Duur:** 3 jaar (6 maande ervarings-  
opleiding)  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (slegs HG- of  
SG-vakke)  
**Vakke vereis:** Engels HG (D-simbool) of  
SG (C-simbool) en 'n HG-slaagpunt in een  
ander taal  
**Keuring:** Aanlegtoets, taaltoets en per-  
soonlike onderhoud  
**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Biblioteek- en Inlig-  
tingspraktyk**  
**Duur:** 3 jaar voltyds (2 jaar formele oplei-  
ding en 1 jaar ervaringsopleiding) of 4 jaar  
deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (slegs HG- of  
SG-vakke)  
**Vakke vereis:** Minstens HG (D-simbool)  
of SG (C-simbool) vir twee tale  
**Keuring:** Akademie se prestasie

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Biblioteek- en Inlig-  
tingspraktyk**  
**Duur:** 3 jaar voltyds (8 maande ervarings-  
opleiding ingesluit)  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee LG-vakke. Vakke op LG  
is slegs aanvaarbaar indien dit nie in die  
onderrigprogram vereis word nie  
**Keuring:** Akademie se prestasie, geskrewe  
toets en moontlike persoonlike onderhoud  
**Gelde:** Eerste jaar: R358 per vak per

semester en R258 - R674 per vak per jaar;  
tweede jaar: R424 - R686 per vak; derde  
jaar: R448 per vak

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** Biblioteek- en Inlig-  
tingspraktyk  
Korrespondensie

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (maksimum  
van twee LG-vakke, amptelike tale uitge-  
sluit)

**Bykomende vereistes:** Studente moet in  
die veld van biblioteek- en inligtingkunde  
werksaam wees en moet toegang tot 'n  
rekenaar hê

**Gelde:** R390 - R410 per vak

## **BIOMEDIESE TEGNOLOGIE/- GENEESKUNDIGE LABORA- TORIUMTEGNOLOGIE**

**Beroep(e):** Geneeskundige tegnoloog

**Persoonlike vereistes:** Toegewyd, akku-  
raat, netjies en vermoë om onder moeilike  
omstandighede te konsentreer. Integriteit  
en eerlikheid is belangrik

**Aard van werk:** Deur die uitvoering van  
laboratoriumtoetse help die tegnoloog die  
genesheer om siektes te diagnoseer en te  
monitor. Die hoofvertakkings is die ontle-  
ding van weefsel, navorsingswerk, bloed-  
oortappingstechnologie en voorbereiding  
van entstof en medisyne

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** Biomediese Tegno-  
logie

**Duur:** 3 jaar voltyds en 'n vierde jaar  
internskap in 'n geregistreerde opleidings-  
laboratorium

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ses vakke  
op HG of SG en 'n D-simbool gemiddeld  
**Vakke vereis:** Eerste Taal HG en Tweede  
Taal SG. Wiskunde, Natuur- en Skeikunde

en Biologie HG (E-simbool) of SG (D-  
simbool)

**Keuring:** Psigometriese of aanlegtoetse of  
'n persoonlike onderhoud

**Gelde:** Eerste jaar: R330 - R500 per vak  
per semester; tweede jaar: R500 per vak  
per semester; derde jaar: R560 per vak per  
semester

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Geneeskundige Tegno-  
logie

**Duur:** 3 jaar voltyds (6 maande ervarings-  
opleiding)

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (slegs HG- of  
SG-vakke)

**Vakke vereis:** Wiskunde HG (E-simbool)  
of SG (C-simbool) en 'n slaagpunt in  
Natuur- en Skeikunde, Biologie en Engels

**Keuring:** Akademiese prestasie

**Gelde:** R3720 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma:** Geneeskundige La-  
boratoriumtegnologie

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met minstens  
5 vakke op HG of SG

**Vakke vereis:** Engels HG (E-simbool).  
Wiskunde, Natuur- en Skeikunde en Bio-  
logie HG (E-simbool) of SG (D-simbool)

**Keuring:** Toelating aan keuring onder-  
worpe

**Gelde:** R2060 per semester of R585 per  
vak

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Biomediese Tegno-  
logie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating en sonder  
enige laergraadvakke

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) asook 'n goeie slaagpunt in Wiskunde, Natuur- en Skeikunde en Biologie

**Keuring:** Akademiese meriete

**Nota:** Hierdie diploma is onderhewig aan goedkeuring deur die Minister van Nasionale Opvoeding

**Gelde:** R380 - R590 per vak

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Geneeskundige Laboratoriumtegnologie**

**Duur:** 3 jaar voltyds: 5 semesters formele opleiding en 1 semester ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde, Biologie en Engels, waarvan 'n minimum E-simbool in al vier vakke vereis word. Minstens twee van die natuurwetenskapvakke moet op HG wees

**Keuring:** Aanlegtoets

**Nota:** 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Biomediese Tegnologie**

**Duur:** 30 maande formele opleiding en 6 maande ervaringsopleiding in 'n geregistreerde laboratorium

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde en Biologie SG 50%

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R500 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Geneeskundige Laboratorium Tegnologie**

**Duur:** 3 jaar: 5 semesters formele opleiding en 1 semester toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde SG 40%, maar verkieslik HG-vlak

**Vakke aanbeveel:** Biologie, verkieslik HG-vlak

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste semester: R450 - R546 per vak; tweede semester: R542 - R730 per vak; derde semester: R562 - R582 per vak; vierde semester: R542 - R582 per vak; vyfde semester: R570 - R586 per vak; sesde semester: R556 (net een vak)

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Biomediese Tegnologie**

**Duur:** 3 jaar voltyds (een semester ervaringsopleiding). Indien die student 'n geneeskundige tegnoloog wil word moet hy/sy 'n internskap van een jaar indiensopleiding voltooi

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Gelde:** Ongeveer R115 - R402 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Biomediese Tegnologie**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Natuur- en Skeikunde, Wiskunde en Biologie HG (D-simbool) of SG (C-simbool)

**Keuring:** Keuringstoets, persoonlike onderhoud en toelatingseksamen

**Gelde:** Ongeveer R580 per vak p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Geneeskundige Laboratoriumtegnologie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG  
**Vakke vereis:** Albei amptelike tale HG of SG. Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)  
**Keuring:** Puntestelsel en moontlike plasingstoets  
**Gelde:** Eerste tot vierde semester: R2012 per semester; vyfde semester: R250; sesde semester: R2012

## BIOTEKNOLOGIE

**Beroep(e):** Biotegnoloog  
**Persoonlike vereistes:** 'n Belangstelling in die oorsprong en bewaring van lewe en begaan oor die praktiese aanwending van wetenskaplike kennis  
**Aard van werk:** Biotegnologie is die studie van lewende organismes en die aanwending daarvan vir industriële doeleindes of ekologiese beheer. Werk in rigtings soos: navorsing en ontwikkeling, herwinning van afvalprodukte, vervaardiging of ekologiese beheer en voorligting

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Biotegnologie**  
**Duur:** 3 jaar: 24 maande formele opleiding en 12 maande ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** 'n Slaagpunt op HG in Engels, Wiskunde, Natuur- en Skeikunde en Biologie  
**Gelde:** R3720 p.j.

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Biotegnologie**  
**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Wiskunde en Biologie of Natuur- en Skeikunde. Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)  
**Nota:** Voorkeur aan kandidate wat albei wetenskapvakke het  
**Gelde:** R2730 per semester (R635 per vak)

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Biotegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (D-simbool) of SG (C-simbool)  
**Vakke aanbeveel:** Biologie  
**Keuring:** Keuringstoetse, persoonlike onderhoud en 'n toelatingseksamen  
**Gelde:** R580 per vak p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma in Biotegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG (amptelike tale ingesluit)  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)  
**Keuring:** Puntestelsel  
**Gelde:** R2012 per semester

## BOORPRAKTYK

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Boorpraktyk**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die twee amptelike tale mag nie op LG wees nie)  
**Vakke vereis:** Wiskunde  
**Vakke aanbeveel:** Chemie, Fisika  
**Bykomende vereistes:** Studente moet in die boorpraktyk of 'n verwante beroep werkzaam wees  
**Gelde:** R430 per vak

## BOSBOU

**Beroep(e):** Bosbouwer  
**Persoonlike vereistes:** Praktiese vermoëns, oplettend, fisies gesond en fiks, 'n belangstelling in die wildslewe en ekologiese sisteme, 'n aanvoeling vir natuurwetenskappe en die vermoë om goeie verhoudinge te handhaaf  
**Aard van werk:** Ondersteun en neem op 'n stadium beheer oor in die verbouing, aanplanting en snoei van bome, timmerhout-oesaktiwiteite, die bekamping van vure, beheer oor plantsiektes en onderhoud van plantasies

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Bosbou**  
**Duur:** 3 jaar voltyds of deelyds: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Wiskunde en Biologie  
**Bykomende vereistes:** Fisiese fiksheid en gesondheid  
**Keuring:** Akademiese prestasie

**Nota:** Opleiding by Saasveldse Skool vir Bosbou, naby George  
**Gelde:** R320 - R360 per vak

## BOUKUNDE

**Beroep(e):** Bouwermeter; Konstruksietoetsighouer  
**Persoonlike vereistes:** Prakties, vermoë om verbaal en grafies te kommunikeer, vermoë om bouwerk te visualiseer, 'n aanleg vir syfers, akkuraatheid en deursettingsvermoë  
**Aard van werk:** Doen kosteberekenings, beplanning van bestellings en die aflewering van materiale, sowel as kontrolewerk oor betalings in die verskillende stadiums van 'n konstruksieprojek

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Boukunde**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke (slegs vakke op HG en SG is aanvaarbaar)  
**Vakke vereis:** Afrikaans en Engels (met die Eerste Taal op HG) en Wiskunde SG (E-simbool) of N3-Wiskunde (60%)  
**Keuring:** Psigometriese toetse  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Boukunde**  
**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Wiskunde  
**Keuring:** Meriete  
**Gelde:** R3720 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma:** **Boukunde**  
**Duur:** 2 jaar formele opleiding en 1 jaar  
indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Engels, Wiskunde en 'n  
wetenskapvak  
**Keuring:** Kandidate word gekeur  
**Gelde:** R1900 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma:** **Boukunde**  
**Duur:** 3 jaar voltyds: 24 maande formele  
opleiding en 12 maande toepaslike erva-  
ringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating en sonder  
enige laergraadvakke of 'n N3-sertifikaat  
met vier vakke plus albei amptelike tale op  
Senior Sertifikaatvlak  
**Vakke vereis:** Eerste Taal HG (E-simbool)  
of SG (D-simbool)  
**Vakke aanbeveel:** Wiskunde, Natuur- en  
Skeikunde, Houtwerk, Tegniese Tekene  
**Keuring:** Akademiese prestasie  
**Gelde:** R190 - R660 per vak

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Boukunde**  
**Duur:** 3 jaar voltyds: 2 jaar formele oplei-  
ding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van 4 vakke op HG en/of SG, ampte-  
like tale ingesluit. Vakke op LG is slegs  
toelaatbaar indien dit nie in die onderrig-  
program vereis word nie  
**Vakke vereis:** Engels Eerste Taal HG (E-  
simbool) of SG (D-simbool) of Engels  
Tweede Taal HG (C-simbool) of SG (B-  
simbool) en Wiskunde HG of SG  
**Gelde:** Eerste en derde jaar: R4720 p.j.  
(R1115 per vak); tweede jaar: R600 per  
vak (slegs 3 vakke)

**Waar:** Technikon Noord-Transvaal  
Engelsmedium  
**Nasionale Diploma:** **Boukunde**  
**Duur:** 3 jaar voltyds: 2 jaar formele oplei-  
ding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (C-simbool  
gemiddeld) OF suksesvolle voltooiing van  
die Potentiality Development Programme  
OF N4 met ten minste 5 toepaslike vakke  
**Vakke vereis:** Senior Sertifikaat: Wis-  
kunde (C-simbool), Natuur- en Skeikunde  
en Engels. N4: Wiskunde (60%) en 'n  
slaagpunt in Engels  
**Keuring:** Aanlegtoetse  
**Nota:** Die Potentiality Development Pro-  
gramme is beskikbaar vir studente wie se  
matrieksimbole nie aan die vereiste stan-  
daard voldoen nie. 'n Senior Sertifikaat  
sonder universiteitstoelating met 'n HG-  
slaagpunt of 'n E-simbool in Wiskunde en  
Natuur- en Skeikunde en 'n slaagpunt in  
Engels, word vir toelating tot die program  
vereis. 1993-inligting  
**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Boukunde**  
**Duur:** 3 jaar: 24 maande formele opleiding  
en 12 maande toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van 5 vakke op HG en/of SG, ampte-  
like tale ingesluit. 'n Vak op LG is slegs  
toelaatbaar indien dit nie in die onderrig-  
program vereis word nie  
**Vakke vereis:** Wiskunde en Natuur- en  
Skeikunde HG of SG  
**Keuring:** Akademiese prestasie en per-  
soonlike onderhoud indien nodig  
**Gelde:** R245 - R485 per vak

**Waar:** Technikon Pretoria; Technikon  
Pretoria (Kwamhlanga-kampus)  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Boukunde**  
**Duur:** 3 jaar voltyds: 24 maande formele  
opleiding en 12 maande toepaslike erva-

ringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde (verkieklik op HG)

**Keuring:** Akademiese prestasie

**Gelde:** Eerste jaar: R224 - R718 per vak; tweede jaar: R370 per vak; derde jaar: R760 - R786 per vak

**Waar:** Technikon Skiereiland Afrikaans- of Engelsmedium

**Nasionale Diploma:** Boukunde

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike erva-ringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating of NTS III

**Vakke vereis:** Wiskunde vir Senior Sertifikaat. Wiskunde asook Eerste en Tweede Taal SG (Senior Sertifikaatvlak) vir NTS III

**Vakke aanbeveel:** Houtwerk, Natuur- en Skeikunde, Tegnie se Tekene

**Keuring:** Akademiese prestasie

**Gelde:** Ongeveer R115 - R462 per vak

**Waar:** Technikon Witwatersrand Afrikaans- of Engelsmedium

**Nasionale Diploma:** Boukunde

Boukunde

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Houtwerk en Metaal-werk

**Keuring:** Keuringstoets, taalvaardigheids-toets en persoonlike onderhoud

**Gelde:** Ongeveer R760 per vak p.j. of ongeveer R380 per vak per semester

**Waar:** Transkei Technikon

Engelsmedium

**Nasionale Diploma:** Boukunde

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Kandidate word gekeur

**Gelde:** R3950 p.j.

## BRANDSTOFTEGNOLOGIE

**Beroep(e):** Brandstoftegnikus

**Persoonlike vereistes:** Sistematies, wetenskaplik, analities, prakties, meganies en moet 'n verantwoordelikeheidsin hê

**Aard van werk:** Eksploreer, onttrek en verfyn ru-olie en vervaardig en bemark brandstof en ander petroleumprodukte

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Brandstoftegnologie Korrespondensie-kursus;

**Duur:** 1 jaar vir die Nasionale Sertifikaat, 2 jaar vir die Nasionale Hoër Sertifikaat en 3 jaar vir die Nasionale Diploma

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)

**Vakke aanbeveel:** Wiskunde, Chemie en Fisika

**Bykomende vereistes:** Moet in 'n beroep staan wat verband hou met brandstoftegnologie

**Nota:** 'n Nasionale Sertifikaat word na suksesvolle voltooiing van Deel I (plus die praktiese deel) toegeken en 'n Nasionale Hoër Sertifikaat word na suksesvolle voltooiing van Deel II (plus die praktiese deel) toegeken

**Gelde:** R430 per vak

## BRANDWEERTEGNOLOGIE

**Beroep(e):** Brandweertegnoloog; Brandweerman

**Persoonlike vereistes:** Fisiese fiksheid, dapperheid, 'n kalm geaardheid en die vermoë om leiding te neem. Hoogte- en



engtevreë is onaanvaarbaar

**Aard van werk:** Doen lewensredding, brandbestryding en -voorkoming en beskerm eiendom. Verleen hulp by motorongelukke (waar gevaarlike chemiese middels soms mors) en lewer algemene gemeenskapsdiens

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Brandweertegnologie**

**Duur:** 3 jaar deelyds met toepaslike indiensopleiding by 'n goedgekeurde instansie

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating en met ses vakke op HG of SG

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde

**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud

**Nota:** Persone wat nie aan die nodige toelatingsvereistes voldoen nie, mag oorweeg word op grond van werkservaring of die slaag van sekere kursusse en 'n taalvaardigheidstoets

**Gelde:** Eerste jaar: R380 - R500 per vak per semester; tweede en derde jaar: R380 per vak per semester

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Brandweertegnologie**

**Duur:** 3 jaar deelyds

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)

**Bykomende vereistes:** Moet in diens van 'n brandweerdepartement wees

**Keuring:** Akademiese prestasie

**Waar:** Technikon Pretoria; Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Brandweertegnologie**

**Duur:** 3 jaar deelyds

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Natuur- en Skeikunde en Wiskunde

**Bykomende vereistes:** Voornemende studente moet betrokke wees by 'n goedgekeurde aanverwante diens

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste jaar: R450 - R490 per vak; tweede jaar: R464 per vak; derde jaar: R474 per vak

**Waar:** Vaaldriedhoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Brandweertegnologie**

**Duur:** 3 jaar (ervaringsopleiding ingesluit)

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG

**Vakke vereis:** Albei amptelike tale HG of SG. Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)

**Keuring:** Puntestelsel en 'n moontlike plasingstoets

**Gelde:** Eerste semester: R2143; tweede semester: R2050; derde semester: R2050

## **BRILOPMAKING**

**Beroep(e):** Brilopmaker

**Persoonlike vereistes:** Goeie sig, handvaardigheid en geduld

**Aard van werk:** 'n Brilopmaker besluit volgens die voorskrif van die optometris watter soort lense en raam sal die beste by die pasiënt pas. Voordat hy/sy die lense sny en die raam laat pas, word die mate van die pasiënt se pupille en gesig noukeurig geneem sodat die bril die bes moontlike gesigsvermoë gee. Die brilopmaker open meestal sy eie praktyk

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Brilopmaking**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding plus 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (ses vakke op HG en/of SG)  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool) plus Afrikaans en Engels HG  
**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud  
**Gelde:** Eerste jaar: R310 - R360 per vak; tweede jaar: R380 per vak en derde jaar: R370 - R680 per vak

## **CHEMIESE INGENIEURSWESE**

**Beroep(e):** Chemiese ingenieurstegnikus  
**Persoonlike vereistes:** Tegnies, prakties, ondersoekend van aard, sistematies en analities  
**Aard van werk:** Beheer 'n deel van 'n chemiese aanleg, lei 'n groep werkers, versamel inligting wat met chemiese prosesse verband hou, analiseer monsters, los tegniese probleme op en bestee tyd in 'n kantoor om verslae voor te berei en berekeninge te doen

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Chemiese Ingenieurswese**  
**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke, D-simbool (slegs vakke op HG en SG is aanvaarbaar)  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde SG (D-simbool) en Afrikaans en Engels (met die Eerste Taal op HG)  
**Keuring:** Psigometriese toetsing, aanlegtoetse of persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma in Chemiese Ingenieurswese**  
**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Wiskunde HG (E-simbool) of SG (C-simbool) en Natuur- en Skeikunde  
**Keuring:** Akademiese prestasie  
**Gelde:** R3720 p.j.

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**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Chemiese Ingenieurswese**  
**Duur:** 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde  
**Keuring:** Akademiese prestasie  
**Gelde:** R1960 per semester

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Chemiese Ingenieurswese**  
**Duur:** 1 jaar ervaringsopleiding en 2 jaar formele opleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderligprogram vereis word nie  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool). Wiskunde en Natuur- en Skeikunde, albei op HG  
**Gelde:** R2590 per semester (R600 per vak)

**Waar:** Technikon Noord-Transvaal  
Engelsmedium  
**Nasionale Diploma in Chemiese Inge-  
nieurswese**

**Duur:** 6 semesters voltyds: 4 semesters  
formele opleiding en 2 semesters erva-  
ringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (C-simbool  
gemiddeld) OF suksesvolle voltooiing van  
die Potentiality Development Programme  
OF N4 met ten minste 5 toepaslike vakke

**Vakke vereis:** Senior Sertifikaat: Wis-  
kunde (C-simbool), Natuur- en Skeikunde  
en Engels. N4: Wiskunde (60%) en Engels  
**Keuring:** Aanlegtoets

**Nota:** Die Potentiality Development Pro-  
gramme is beskikbaar vir studente wie se  
matrieksimbole nie aan die vereiste stan-  
daard voldoen nie. 'n Senior Sertifikaat  
sonder universiteitstoelating met 'n HG-  
slaagpunt of 'n E-simbool in Wiskunde en  
Natuur- en Skeikunde en 'n slaagpunt in  
Engels, word vir toelating tot die program  
vereis. 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Chemiese Inge-  
nieurswese**

**Duur:** 3 jaar voltyds: 24 maande formele  
opleiding en 12 maande toepaslike erva-  
ringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating

**Vakke vereis:** Natuur- en Skeikunde en  
Wiskunde HG (E-simbool) of SG (D-sim-  
bool)

**Keuring:** Akademiese prestasie

**Gelde:** Ongeveer R161 - R393 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Chemiese Inge-  
nieurswese**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Natuur- en  
Skeikunde HG (E-simbool) of SG (C-sim-  
bool) en 'n slaagpunt in Engels

**Keuring:** Keuringstoets

**Gelde:** Ongeveer R760 per vak p.j. of  
ongeveer R380 per vak per semester

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma in Chemiese Inge-  
nieurswese**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ten minste  
4 vakke op HG of SG (amptelike tale  
ingesluit)

**Vakke vereis:** Wiskunde en Natuur- en  
Skeikunde HG (E-simbool) of SG (D-  
simbool)

**Keuring:** Puntestelsel

**Gelde:** Eerste semester: R2120; tweede  
semester: R2102; derde semester: R2101;  
vierde semester: R250

## **CHIROPRAKTYK**

**Beroep(e):** Chiropraktisyn-in-opleiding

**Persoonlike vereistes:** Fyn waarnemings-  
vermoë, handvaardigheid, simpatiek, takt-  
vol met pasiënte en vermoë om onafhank-  
lik te werk

**Aard van werk:** Manipulasie van dele van  
die liggaam, veral d.m.v. werwelmasering,  
ultraklank en elektriese en hitteterapie. Die  
chiropraktisyn skryf nie medisyne of chir-  
urgie voor nie, maar wel dieet, oefeninge  
e.d.m. Die student kan slegs met 'n Mees-  
tersdiploma in Tegnologie: Chiropraktik,  
'n gekwalifiseerde Chiropraktisyn word

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Chiropraktik**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat  
met universiteitstoelating

**Vakke vereis:** Engels Eerste Taal HG (E-  
simbool) of SG (D-simbool) of Engels  
Tweede Taal HG (C-simbool) of SG (B-  
simbool) asook Wiskunde en/of Natuur- en

**Skeikunde**

**Vakke aanbeveel:** Biologie

**Bykomende vereistes:** Kandidate moet ouer as 17 jaar en fiks en gesond wees

**Gelde:** R6200 p.j. (R1485 per vak)

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Chiropraktyk

Chiropraktyk

**Duur:** 3 jaar voltyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde (D-simbool) of SG (C-simbool)

**Vakke aanbeveel:** Biologie HG (D-simbool) of SG (C-simbool)

**Keuring:** Toelatingseksamen, persoonlike profiel, persoonlike onderhoud

**Gelde:** R910 per vak p.j.

## DANS

**Beroep(e):** Teaterdanser; Balletdanser

**Persoonlike vereistes:** Korrekte liggaamshouding en temperament, musikaal en vermoë om toneel te speel

**Aard van werk:** Dans gewoonlik vir 'n maatskappy en werksure is lank

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Sertifikaat:** Dans

**Duur:** 1 jaar

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Bykomende vereistes:** Intermediêre RAD/-Cechetti-standaard

**Keuring:** Oudisie

**Gelde:** R258 - R1540 per vak

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kontemporêre en Afrikadans

**Duur:** 3 jaar voltyds

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Bykomende vereistes:** Aanleg vir dans

**Keuring:** Oudisie

**Gelde:** Eerste jaar: R258 per vak; tweede jaar: R258 - R264 per vak; derde jaar: R272 per vak

## DIEREGESONDHEID

**Beroep(e):** Dieregesondheidstegnikus

**Persoonlike vereistes:** Fisies gesond en fiks, vermoë om met diere sowel as mense te werk, vermoë om met die boeregemeenskap te kommunikeer, fyn waarnemingsvermoë en verantwoordelikheid

**Aard van werk:** Ondersteuningsdiens aan staatsveeartse - dit varieer van streek tot streek, bv. beheer oor die dip van diere, wetstoepassing, identifiseer siektes op 'n vroeë stadium, adviseer boere oor voorkomende maatreëls en ken permitte vir die vervoer van diere toe

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Dieregesondheid

Korrespondensie-kursus;

**Duur:** 3 jaar (praktiese opleiding ingesluit)

**Toetreekwalfikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die amptelike tale mag nie op LG wees nie)

**Bykomende vereistes:** Toelating is beperk tot dieregesondheidstegnici wat as voltydse, deelydse of kontrakwerknemers van die Departement van Landbou (RSA); of as werknemers van 'n vergelykbare kategorie van die TBVC-lande en selfregerende state aangestel is

**Gelde:** R430 per vak

## DRAMA

**Beroep(e):** Akteur

**Persoonlike vereistes:** Selfvertroue, vermoë om persoonlikheid en emosies te projekteer, kreatief en 'n talent vir tale

**Aard van werk:** Tree op die verhoog op en raak betrokke by film-, televisie- en radioproduksies

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Drama

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op HG en/of SG, amptelike tale ingesluit ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Oudisie (monoloog/gedig)

**Gelde:** R4060 p.j.

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Drama

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Keuring:** Oudisie

**Gelde:** Eerste jaar: 4 vakke @ R258 per vak en 1 vak @ R408; tweede jaar: 5 vakke @ R264 per vak; derde jaar: 5 vakke @ R272 per vak

## DRIE-DIMENSIONELE ONTWERP/NYWERHEIDSONTWERP

**Beroep(e):** Nywerheidsontwerper

**Persoonlike vereistes:** Moet kreatief, dog prakties wees en moet goeie sketse en

modelle kan maak. 'n Goeie kennis van verskillende materiale en vervaardigingsmetodes, sowel as bemerking en verkope, is ook nodig

**Aard van werk:** Ontwerp produkte soos bv. ketels, motors, professionele toerusting, meubelvervaardigingsmasjinerie, televisiestelle, ens. sodat dit vir die verbruiker funksioneel en veilig en esteties aanvaarbaar sal wees

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Drie-dimensionele Ontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke (slegs SG- of HG-vakke)

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Keuring:** 'n Portefeuje van kreatiewe werk bestaande uit 'n potloodtekening van twee mensgemaakte voorwerpe, 'n kleurkomposisie van die letters in u naam, 'n volledige studie van die geklede mensfiguur, 'n tekening van 'n binneruimte, 'n kartonmodel van 'n stoel, 'n ontwerp van 'n werkstasie en addisionele werke wat u as toepaslik beskou (besonderhede vanaf die Skool vir Ontwerp by die Technikon verkrygbaar)

**Gelde:** Eerste jaar: R3850; tweede jaar: R3950 en derde jaar: R3990

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Drie-dimensionele Ontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Kuns, Natuur- en Skeikunde, Technika, Tegnieke Tekene, Houtwerk, Metaalwerk of Rekenaarwetenskap

**Bykomende vereistes:** Werkservaring word sterk aanbeveel

**Keuring:** Toelatingseksamen en voorlegging van 'n portefeuje

**Nota:** Hierdie kursus is 'n voorbereidende

program vir die NHD: Nywerheidsontwerp  
**Gelde:** 6 vakke @ ongeveer R480 per vak

## **DRUKKERYBESTUUR**

**Beroep(e):** Drukkerybestuurder  
**Persoonlike vereistes:** Selfgedisiplineerd, verantwoordelik, ambisieus, positief en geniet dit om met mense te werk  
**Aard van werk:** Verantwoordelik vir die organisering en beheer van 'n drukkery in die drukkery- en koerantbedryf. Die drukkerybestuurder identifiseer, ondersoek en maak aanbevelings oor tekortkominge aangaande drukkery, drukkerysisteme en bestuursprosedures

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Drukkerybestuur**  
**Duur:** 3 jaar deelyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-gemiddeld (ses vakke op HG en/of SG) of senior studente met ervaring in die drukkerybedryf  
**Vakke vereis:** Eerste Taal HG en Tweede Taal SG  
**Vakke aanbeveel:** Wiskunde, Rekeningkunde en 'n natuurwetenskapvak  
**Bykomende vereistes:** Ondervinding in die industrie word sterk aanbeveel  
**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Drukkerybestuur**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)  
**Gelde:** R390 per vak

## **EIENDOMSWESE**

**Beroep(e):** Eiendomswaardeerder; Eiendomskonsultant; Eiendomsbemarker  
**Persoonlike vereistes:** Integriteit, eerlikheid, betroubaarheid en goeie menseverhouding  
**Aard van werk:** 'n Waardeerder bepaal die monitêre waarde van eiendom; 'n eiendomskonsultant voorsien kliënte met 'n omvattende opname oor eiendom op die mark en 'n eiendomsbemarker formuleer die mees effektiewe bemarkingsplan

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Eiendomsweese (Eiendomsbemarking)**  
**Duur:** 4 jaar deelyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (LG-vakke is onaanvaarbaar)  
**Vakke vereis:** Eerste Taal HG en Tweede Taal HG  
**Keuring:** Psigometriese toetsing, aanlegtoetse of 'n persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Eiendomsweese (Eiendomswaardering)**  
**Duur:** 4 jaar deelyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)  
**Vakke vereis:** Eerste Taal HG en Tweede Taal HG  
**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud  
**Nota:** Aanbieding van kursus is onderworpe aan lewensvatbare studentegetalle  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

## **Nasionale Diploma: Eiendomswese**

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier HG- en/of SG-vakke, amptelike tale ingesluit ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Vakke aanbeveel:** Wiskunde

**Gelde:** R655 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

## **Nasionale Diploma: Eiendomswese**

Korrespondensie-kursus;

**Rigtings:** Eiendomsbemarking; Eiendoms-praktyk; Eiendomswaardering

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Vakke aanbeveel:** Wiskunde, Rekening-kunde, Ekonomie

**Bykomende vereistes:** Vir die studierigting in Eiendomswaardering, moet 'n persoon wat vir registrasie as waardeerder of geassosieerde waardeerder in aanmerking wil kom, 'n kwalifikasie verwerf wat deur die Raad vir Waardeerders voorgeskryf word asook genoegsame praktiese ondervinding in eiendomswaardering opdoen.

**Nota:** Persone wat vir die eerste keer registreer vir hierdie onderrigprogram, moet tegelykertyd by die SA Raad vir Waardeerders registreer as waardeerder-inopleiding. Studente wat vir Inligtingstelsels I registreer, moet toegang tot 'n rekenaar hê (ongeveer 1 uur per week)

**Gelde:** R390 per vak. Eksaminering vir Eiendomswaardering word deur die SA Instituut van Waardeerders teen R171 per eksamen hanteer

## **EKONOMIESE GEOLOGIE**

**Beroep(e):** Geotegnikus (Ekonomies)

**Persoonlike vereistes:** Selfstandig, dinamies, fisies aktief, belangstelling in wetenskap en natuurgeskiedenis

**Aard van werk:** Moet bereid wees om onder alle omstandighede te werk, soos bv. bo- en ondergronds. Bestuur die geologie-afdeling van 'n myn en organiseer prospekterprogramme in die veld

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

## **Nasionale Diploma: Ekonomiese Geologie**

**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)

**Bykomende vereistes:** 'n 'Rooi kaart' van liggaamlike geskiktheid van die Mediese Buro word vereis

**Keuring:** Meriete en onderhoud

**Nota:** 'n Pre-tegnisprogram word aangebied vir persone wat nie aan die minimum toelatingsvereistes voldoen nie

**Gelde:** Ongeveer R480 per vak

## **EKSTRAKSIEMETALLURGIE**

**Beroep(e):** Metallurgiese ingenieurstechnikus

**Persoonlike vereistes:** Wiskundige aanleg, 'n belangstelling in natuurwetenskappe, logiese denke, vermoë om probleme op te los en selfdisipline

**Aard van werk:** Onttrekking van metale en minerale uit die grond of ertsmassa op die mees ekonomiese wyse

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

## **Nasionale Diploma: Ekstraksiemetallurgie**

**Duur:** 3 jaar voltyds (ervaringsopleiding

ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Natuur- en Skeikunde en Wiskunde HG (D-simbool) of SG (C-simbool)

**Bykomende vereistes:** 'n 'Rooi kaart' van liggaamlike geskiktheid van die Mediese Buro word ook vereis

**Keuring:** Meriete en onderhoude

**Nota:** 'n Pre-tegnisiprogram word aangebied vir persone wat nie aan die nodige toelatingsvereistes voldoen nie

**Gelde:** Ongeveer R480 per vak

## ELEKTRIESE INGENIEURS- WESE

**Beroep(e):** Elektriese ingenieurstechnikus

**Persoonlike vereistes:** 'n Belangstelling in natuurwetenskappe, goeie kleuronderskeidingsvermoë, vermoë om probleme op te los, idees in die praktyk toe te pas en onafhanklik te werk

**Aard van werk:** Swakstroom/Elektronika: Take behels die ontwerp en ontwikkeling van nuwe toerusting asook die inbedryfstelling en instandhouding van toerusting. Hierdie tegnisi is gemoeid in rigtings soos telekommunikasie, radio en televisie, radar, rekenaar, elektroniese beheerstelsels ens. Sterkstroom: Die werksaamhede van die sterkstroomtegnikus het te doen met die opwekking en verspreiding van elektrisiteit. Hulle werk behels die ontwerp, ontwikkeling en oprigting van toerusting asook instandhouding en herstel

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Elektriese Ingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat (met ses vakke op HG en/of SG) sonder universiteitstoelating

**Vakke vereis:** Afrikaans en Engels: Eerste

Taal HG en Tweede Taal SG. Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool) OF N4-Wiskunde en 'n ander verwante ingenieursvak soos N4-Elektrotegniek, N4-Digitale Elektronika of N4-Ingenieurswetenskap met 'n kursuspunt van ten minste 60%

**Keuring:** Akademiese prestasie. Kandidate word ook aan keuringsprosedures soos bv. psigometriese en aanlegevaluering, taalvaardigheidstoetse, ens., onderwerp  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Elektriese Ingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Wiskunde HG, Engels Eerste Taal en Natuur- en Skeikunde of Fisika

**Keuring:** Meriete

**Gelde:** R3720 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma:** Elektriese Ingenieurswese

**Duur:** 4 semesters formele opleiding en 2 semesters ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating OF N3

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde en Engels

**Keuring:** Kandidate word gekeur

**Nota:** Kandidate moet gewoonlike eers die Pre-tegniese kursus voltooi om vir vlak I te registreer

**Gelde:** R1960 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Elektriese Ingenieurswese



**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating sonder enige LG-vakke of 'n N3-sertifikaat met vier vakke plus albei amptelike tale

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) en 'n goeie slaagpunt in Wiskunde en Natuur- en Skeikunde of Fisika vir Senior Sertifikaat. N3-sertifikaat: Wiskunde en Ingenieurswetenskap (C-simbool) asook albei amptelike tale op Senior Sertifikaatvlak

**Keuring:** Akademiese prestasie

**Gelde:** R190 - R470 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma in Elektriese Ingenieurswese: Sterkstroom**

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) asook goeie punte in Wiskunde en Natuur- en Skeikunde

**Gelde:** R2617 per semester (R607 per vak)

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Elektriese Ingenieurswese**

**Rigtings:** Radio Kommunikasie; Proses Instrumentasie en Kontrole

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van vier vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die on-

derrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) en goeie punte in Wiskunde en Natuur- en Skeikunde

**Gelde:** R2640 per semester (R615 per vak)

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Elektriese Ingenieurswese**

**Rigtings:** Elektroniese Kommunikasie; Sterkstroom; Proses Instrumentasie

**Duur:** 6 semesters voltyds: 4 semesters formele opleiding en 2 semesters ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (C-simbool gemiddeld) OF suksesvolle voltooiing van die Potentiality Development Programme OF N4 met ten minste 5 toepaslike vakke

**Vakke vereis:** Senior Sertifikaat: Wiskunde (C-simbool), Natuur- en Skeikunde en Engels. N4: Wiskunde (60%) en Engels  
**Keuring:** Aanlegtoetse

**Nota:** Die Potentiality Development Programme is beskikbaar vir studente wie se matrieksimbole nie aan die vereiste standaard voldoen nie. 'n Senior Sertifikaat sonder universiteitstoelating met 'n HG-slaagpunt of 'n E-simbool in Wiskunde en Natuur- en Skeikunde en 'n slaagpunt in Engels, word vir toelating tot die program vereis. 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Elektriese Ingenieurswese**

**Rigtings:** Sterkstroom; Swakstroom

**Duur:** 3 jaar: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrig-

program vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG of SG

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R160 - R315 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga-kampus); Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)

Afrikaans- of Engelsmedium

**Nasionale Diploma: Elektriese Ingenieurswese**

**Rigtings:** Digitale Tegnologie; Drywingsingenieurswese; Kliniese en Analoogingenieurswese; Prosesinstrumentasie en Beheer; Avionika; Hoëfrekwensietegnologie

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool). Vir die studierigting Avionika word Wiskunde en Natuur- en Skeikunde HG (D-simbool) of SG (C-simbool) vereis

**Keuring:** Akademiese prestasie

**Gelde:** Ongeveer R224 - R484 per vak

**Waar:** Technikon SA

Afrikaans en Engelsmedium

**Nasionale Diploma: Elektriese Ingenieurswese: Elektronika en Elektroniese Kommunikasie**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die twee amptelike tale mag nie op LG wees nie) OF N3 met minstens vier N3-vakke met 'n minimumpunt van 50%

**Vakke vereis:** Senior Sertifikaat: Wis-

kunde en Natuur- en Skeikunde HG of SG en ten minste twee tale op HG of SG. N3: Wiskunde N3 en Ingenieurswetenskap N3 en ten minste twee tale op HG of SG

**Bykomende vereistes:** Studente moet in 'n ingenieursverwante beroep staan

**Nota:** NB: Hierdie kursus sal moontlik in 1994 aangebied word, onderhewig aan goedkeuring

**Gelde:** R430 per vak

**Waar:** Technikon SA

Afrikaans en Engelsmedium

**Nasionale Diploma: Elektriese Ingenieurswese: Sterkstroom**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die twee amptelike tale mag nie op LG wees nie) OF N3 met minstens vier N3-vakke met 'n minimumpunt van 50%

**Vakke vereis:** Senior Sertifikaat: Wiskunde en Natuur- en Skeikunde HG of SG en ten minste twee tale op HG of SG. N3: Wiskunde N3 en Ingenieurswetenskap N3 en ten minste twee tale op HG of SG

**Bykomende vereistes:** Studente moet in 'n ingenieursverwante beroep staan

**Nota:** NB: Hierdie kursus sal moontlik in 1994 aangebied word, onderhewig aan goedkeuring

**Gelde:** R430 per vak

**Waar:** Technikon SA

Afrikaans en Engelsmedium

**Nasionale Diploma: Elektriese Ingenieurswese: Prosesinstrumentasie**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die twee amptelike tale mag nie op LG wees nie) OF N3 met minstens vier N3-vakke met 'n minimumpunt van 50%

**Vakke vereis:** Senior Sertifikaat: Wiskunde en Natuur- en Skeikunde HG of SG

en ten minste twee tale op HG of SG. N3:  
Wiskunde N3 en Ingenieurswetenskap N3  
en ten minste twee tale op HG of SG  
**Bykomende vereistes:** Studente moet in 'n  
ingenieursverwante beroep staan  
**Nota:** NB: Hierdie kursus sal moontlik in  
1994 aangebied word, onderhewig aan  
goedkeuring  
**Gelde:** R430 per vak

**Waar:** Technikon Skiereiland  
Engels- of Afrikaansmedium  
**Nasionale Diploma: Elektriese Inge-  
nieurswese**  
**Rigtings:** Swakstroom; Sterkstroom  
**Duur:** 3 jaar voltyds: 24 maande formele  
opleiding en 12 maande toepaslike indiens-  
opleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating of N3  
**Vakke vereis:** Wiskunde en Natuur- en  
Skeikunde HG (E-simbool) of SG (D-  
simbool) vir Senior Sertifikaat. Ingenieurs-  
wetenskap N4 en Wiskunde N4 (C-sim-  
bool) asook beide amptelike tale word  
vereis vir N3  
**Keuring:** Akademiese prestasie en aanleg-  
toets  
**Gelde:** Ongeveer R161 - R310 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Elektriese Inge-  
nieurswese**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Eerste Taal HG (E-sim-  
bool), Tweede Taal SG (D-simbool), Wis-  
kunde en Natuur- en Skeikunde HG (E-  
simbool) of SG (D-simbool)  
**Keuring:** Keuringstoets en persoonlike  
onderhoud  
**Gelde:** Ongeveer R760 per vak p.j. of  
ongeveer R380 per vak per semester

**Waar:** Transkei Technikon  
Engelsmedium

**Nasionale Diploma: Elektriese Inge-  
nieurswese**  
**Duur:** 3 jaar voltyds (6 maande ervarings-  
opleiding ingesluit)  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Keuring:** Kandidate word gekeur  
**Gelde:** R3950 p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Elektriese Inge-  
nieurswese**  
**Rigtings:** Elektronika; Elektroniese Kom-  
munikasie; Instrumentasie; Swaarstroom  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van 4 vakke op HG of SG (amptelike  
tale ingesluit) of N3 met 4 vakke (50%)  
asook beide amptelike tale op Senior Ser-  
tificaatvlak  
**Vakke vereis:** Wiskunde en Natuur- en  
Skeikunde HG of SG  
**Keuring:** Puntestelsel  
**Gelde:** Eerste semester: R2215; tweede  
semester: R1895; derde semester: R2089;  
vierde semester: R2115

## **FARMASEUTIESE BEMAR- KING**

**Beroep(e):** Mediese verteenwoordiger  
**Persoonlike vereistes:** Selfstandigheid,  
gesonde interpersoonlike verhoudinge en  
die vermoë om natuurwetenskaplike data te  
kan oordra  
**Aard van werk:** Stel bestaande en nuwe  
geneesmiddels bekend aan die professies  
wat geneesmiddels gebruik en bespreek die  
kliniese gebruik, dosering en farmakologie  
van die geneesmiddels met medici en  
aptekers

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Farmaseutiese Be-  
marking**  
Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Gelde:** R390 per vak

## **FILM- EN VIDEOTEKNOLOGIE**

**Beroep(e):** Rolprent- en televisieregisseur; Film- en videoredigeerder; Draaiboekskrywer; Filmmaker

**Persoonlike vereistes:** Vermoë om hard te werk, met verskillende tipes mense oor die weg te kom en baie frustrasie en spanning te hanteer

**Aard van werk:** 'n Film of video word vervaardig met die oog op vermaak, opvoedkunde, opleiding of inligting en is die gemeenskaplike produk van verskeie kunstenaars, die regisseur, die redakteur, draaiboekskrywer en produksieleier

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Film- en Videotegnologie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Afrikaans en Engels HG, verkieslik 'n C-simbool

**Vakke aanbeveel:** Kuns, 'n praktiese vak en 'n ekonomie-vak

**Keuring:** 'n Geskrewe toets en 'n persoonlike onderhoud indien nodig

**Gelde:** Eerste jaar: R474 - R2650 per vak; tweede jaar: R540 - R2790 per vak; derde jaar: R100 - R570 vir prakties

## **FINANSIËLE INLIGTINGSTELSELS**

**Beroep(e):** Finansiële inligtingstelselontleder; Koste-ontleder; Finansiële rekenmeester

**Persoonlike vereistes:** 'n Belangstelling in die besigheidswêreld, vermoë om probleme logies te analiseer, by veranderde omstandighede aan te pas en onder druk te werk

**Aard van werk:** Persone met 'n sterk finansiële of rekeningkundige agtergrond moet instaat wees om hanteerbare inligtingstelsels te ontwikkel en te bedryf om sodoende te verseker dat die firma se bestuurs- en rekeningkundige inligtingstelsels doeltreffend saam werk

**Waar:** Kaapse Technikon

Engels- en Afrikaansmedium

**Nasionale Diploma:** Finansiële Inligtingstelsels

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke

op HG of SG en 'n D-simbool gemiddeld

**Vakke vereis:** Eerste en Tweede Taal HG en Rekeningkunde

**Vakke aanbeveel:** Wiskunde

**Keuring:** 'n Aanleg- en numeriese toets

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma:** Finansiële Inligtingstelsels

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)

**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool) en 'n slaagpunt in Wiskunde, Engels en Afrikaans

**Keuring:** 'n Aanlegtoets

**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Finansiële Inligtingstelsels

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG of SG vakke) met minstens 'n E-simbool

gemiddeld

**Vakke vereis:** Eerste en Tweede Taal en Wiskunde

**Vakke aanbeveel:** Rekeningkunde

**Keuring:** Akademiese prestasie

**Gelde:** R580 - R840 per vak

**Waar:** Technikon Natal

Afrikaans- en Engelsmedium

**Nasionale Diploma: Finansiële Inligtingstelsels**

**Duur:** 3 jaar (slegs by die Pietermaritzburgkampus)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG, amptelike tale uitgesluit. Die LG-vakke mag nie 'n ver-eiste vir die voornemende studierigting wees nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool)

**Gelde:** Ongeveer R4680 p.j. of R1105 per vak

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Finansiële Inligtingstelsels**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke aanbeveel:** Wiskunde en/of Rekeningkunde

**Keuring:** Akademiese prestasie

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Finansiële Inligtingstelsels**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG. Vakke op LG is

slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Rekeningkunde HG (D-simbool) of SG (C-simbool)

**Keuring:** Admission subject to selection

**Gelde:** Eerste jaar voltyds R642 - R758 en deelyds R642 per vak; tweede jaar voltyds R660 - R778 en deelyds R642 - R758 per vak; derde jaar voltyds R678 - R796 en deelyds R660 - R778 per vak; vierde jaar deelyds R678 - R796 per vak

**Waar:** Transkei Technikon

Engels

**Nasionale Diploma: Finansiële Inligtingstelsels**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** R3650 p.j.

**Waar:** Vaaldriehoekse Technikon

Engels en Afrikaansmedium

**Nasionale Diploma: Finansiële Inligtingstelsels**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak

**Vakke vereis:** Albei amptelike tale op HG of SG

**Keuring:** Puntestelsel en moontlike plasingstoets

**Gelde:** Eerste jaar: R3167; tweede jaar: R2614; derde jaar: R2856

## FOTOGRAFIE

**Beroep(e):** Fotograaf

**Persoonlike vereistes:** Kunstig, goeie sig en vermoë om vinnig te reageer

**Aard van werk:** Neem en ontwikkel foto's deur die gebruik van grafiese ontwerp en beeldkomposisie m.b.v. gesofistikeerde optiese, elektroniese en chemiese metodes, totdat die gewenste kwaliteit verkry word. Spesialisering mag na jare van ondervin-

ding volg

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma in Fotografie**

**Duur:** 3 jaar voltyds

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Natuur- en Skeikunde  
**Bykomende vereistes:** 'n Onderhoud, 'n portefeulje van werk en/of eksaminering mag moontlik nodig wees

**Gelde:** R240 - R1020 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma in Fotografie**

**Duur:** 3 jaar voltyds

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op HG en/of SG, amptelike tale ingesluit ('n LG-vak is slegs aanvaarbaar indien dit nie in die onder-  
rigprogram vereis word nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Profieltoets, 'n persoonlike onderhoud en 'n klein portefeulje

**Gelde:** Eerste jaar: R4800; tweede jaar: R4860 en derde jaar: R4880

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Fotografie**

**Duur:** 3 jaar voltyds

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating met 5 vakke op HG en/of SG ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrig-  
program vereis word nie of nie een van die amptelike tale is nie)

**Vakke vereis:** Eerste Taal en Tweede Taal HG of SG

**Keuring:** 20 punte op die evalueringskaal; akademiese prestasie, aanleg en persoonlik-

heidseienskappe

**Gelde:** R575 per vak

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma in Fotografie**

**Duur:** 3 jaar voltyds

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Keuring:** Persoonlike onderhoud en 'n portefeulje met foto's

**Gelde:** Eerste jaar: R514 - R1442 per vak; tweede jaar: R488 - R1860 per vak en derde jaar: R502 - R1378 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma in Fotografie**

**Duur:** 3 jaar voltyds

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Afrikaans en Engels (een van die twee vakke moet op HG wees)

**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Kuns of Bedryfseksonomie

**Bykomende vereistes:** 'n Goeie kamera en fotografiese benodighede

**Keuring:** 'n Persoonlike onderhoud

**Gelde:** Ongeveer R461 per vak p.j.

**Waar:** Vaaldrhoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma in Fotografie**

**Duur:** 3 jaar

**Toetreekwifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG en wat die twee amptelike tale insluit

**Vakke aanbeveel:** Afrikaans, Engels, Derde taal, Kuns, Natuur- en Skeikunde en Wiskunde

**Keuring:** Die Sweedse Telskaal, 'n moontlike onderhoud en 'n portefeulje van werk

**Gelde:** Eerste jaar: R3462; tweede jaar: R3151 en derde jaar: R2834

## GEMEENSKAPSVOORLICHTING

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma: Gemeenskapsvoorlichting**

**Duur:** 3 jaar (ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels HG (E-simbool)

**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Huishoudkunde, Biologie en/of Landbouwetenskap

**Keuring:** Kandidate word gekeur

**Gelde:** R1845 per semester

## GEOKTROOIEERDE SEKRETARISSE EN ADMINISTRATEURS

**Beroep(e):** Geoktrooieerde sekretaris;  
Geoktrooieerde administrateur

**Persoonlike vereistes:** Syfervaardigheid, objektiewe denke, analitiese vermoëns en sensitiwiteit t.o.v. 'n veranderde besigheidsomgewing

**Aard van werk:** Handhawing van effektiwiteit in 'n veranderde omgewing en die vermoë om op die voerpunt van verandering te bly deur te verseker dat die maatskappy wettig saamgestel, ekonomies vatbaar en georganiseerd is om maksimum produktiwiteit te verkry

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

**Instituut van Geoktrooieerde Sekretarisse en Administrateurs**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels

Tweede Taal HG (C-simbool) of SG (B-simbool). Wiskunde HG (E-simbool) of SG (D-simbool) of Rekeningkunde HG (D-simbool) of SG (C-simbool)

**Nota:** Kandidate wat nie aan die minimum toetree kwalifikasies voldoen nie, maar wat aan al die vereistes van GIS voldoen, kan hulle aansoek aan die departementele komitee voorlê vir oorweging

**Gelde:** Voltyds: R3910 p.j. (R910 per vak); deelyds: R610 per vak

## GEOTEGNOLOGIE

**Beroep(e):** Geotegnoloog

**Persoonlike vereistes:** 'n Liefde vir die natuur en buitelewe, prakties, opletend en die vermoë om figure drie-dimensioneel te teken

**Aard van werk:** Doen geologiese en geofisiese opnames in die soeke na nuwe minerale en myn minerale neerslae

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Geotegnologie**

**Duur:** 3 jaar: 5 semesters formele opleiding en 1 semester ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste semester: R412 - R692 per vak; tweede semester: R450 per vak; derde en vierde semester: R464 per vak; vyfde semester: R100 vir ervaringsonderrig; sesde semester: R474 per vak

## GERAASBEHEER

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium

**Nasionale Sertifikaat: Geraasbeheer**

Korrespondensie-kursus;  
**Duur:** 1 jaar (met praktiese sessies)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke) met minstens 2 jaar toepaslike ondervinding of 'n kwalifikasie in Openbare Gesondheid  
**Gelde:** R390 per vak

## **GESONDHEIDSDIENSADMINISTRASIE**

**Beroep(e):** Gesondheidsdiensadministrasie-beampte

**Persoonlike vereistes:** Goeie selfdissipline en die vermoë om effektief te kommunikeer

**Aard van werk:** Werk met mense en lewer 'n bydrae t.o.v. die verbetering van algemene gesondheid

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma:** Gesondheidsdiensadministrasie

**Duur:** 3 jaar: 18 maande formele opleiding en 18 maande indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 5 vakke op HG of SG

**Vakke vereis:** Engels HG (E-simbool)

**Bykomende vereistes:** 'n Voornemende student moet in diens van 'n hospitaal of die gesondheidsafdeling van 'n staatsdepartement wees voor toelating tot die kursus  
**Keuring:** Toelating aan keuring onderworpe

**Gelde:** R1430 per semester of R520 per vak

## **GRAFIESE ONTWERP**

**Beroep(e):** Grafiese ontwerper

**Persoonlike vereistes:** Kunstig, wel ter tale, goeie perseptuele vermoëns en die vermoë om visuele konsepte prakties weer te gee

**Aard van werk:** Die hooffunksie is om inligting te verskaf en 'n identiteit vir 'n sekere produk of idee in die media te skep

en die mark te oortuig om dit te koop. Die ontwerper moet binne sekere finansiële beperkinge bly

**Waar:** Border Technikon  
Engelsmedium

**Nasionale Diploma:** Grafiese Ontwerp

**Duur:** 3 jaar, ervaringsopleiding ingesluit

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Tale en Kuns

**Keuring:** Portefeulje van werk en persoonlike onderhoud

**Nota:** 1993-inligting

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Grafiese Ontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG. Funksionele vakke is nie aanvaarbaar nie

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Keuring:** Portefeulje van geskrewe en praktiese werk. 'n Taalvaardigheidstoets moet geslaag word indien daar nie aan die taalvereistes voldoen word nie

**Gelde:** Eerste jaar: R3840; tweede en derde jaar: R3930 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Grafiese Ontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)

**Keuring:** Akademiese prestasie, aanletoets en persoonlike onderhoud

**Gelde:** R2960 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Grafiese Ontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat



sonder universiteitstoelating (slegs HG of SG vakke)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Een hoërgraadvak bv. Natuur- en Skeikunde, Geskiedenis of Kunstgeskiedenis

**Keuring:** Moontlike persoonlike onderhoud en voorlegging van portefeulje van werk

**Nota:** Kuns as skoolvak is nie 'n vereiste nie

**Gelde:** R720 - R870 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Grafiese Ontwerp**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Vakke aanbeveel:** Kuns en Tegnie se Tekene

**Keuring:** 'n Toelatingstoets en/of portefeulje

**Gelde:** R5680 p.j. of R1355 per vak

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Grafiese Ontwerp**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Keuring:** Akademiese prestasie, aanleg en belangstelling in kuns

**Gelde:** Eerste jaar: R450 per vak; tweede en derde jaar: R500 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Grafiese Ontwerp**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste jaar: R474 - R790 per vak; tweede jaar: R488 - R638 per vak; derde jaar: R502 - R632 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Grafiese Ontwerp**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Afrikaans en Engels (een van die twee vakke moet op HG wees)

**Keuring:** Toelatingseksamen en persoonlike onderhoud

**Gelde:** Ongeveer R393 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Grafiese Ontwerp**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Kuns, Kunstgeskiedenis, Tale en Geskiedenis

**Keuring:** Verpligte, voorgeskrewe portefeulje van werk

**Gelde:** Ongeveer R480 per vak

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Grafiese Ontwerp**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak

**Vakke vereis:** Albei amptelike tale HG of SG. 'n Ander taal mag Afrikaans of Engels

vervang

**Keuring:** Puntestelsel, maandelike persoonlike onderhoud en 'n portefeulje van kunswerke indien van toepassing

**Gelde:** Eerste jaar: R3283 p.j.; tweede jaar: R3053 p.j.; derde jaar: R4231 p.j.

## HANDELSREKENARISERING

**Beroep(e):** Sekretaresse; Persoonlike assistent; Administratiewe beampte; Kantoor-toesighouer

**Persoonlike vereistes:** Georganiseerd, selfgemotiveerd, mensgeoriënteerd, hardwerkend, vermoë om vertroulikheid te handhaaf en besluite te implementeer

**Aard van werk:** Maak gebruik van 'n wye verskeidenheid elektroniese kantoortoerusting om die doeltreffende bestuur van 'n kantoor te verseker

**Waar:** Border Technikon

Engels medium

**Nasionale Diploma: Handelsrekenarising**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Tik, Rekeningkunde

**Keuring:** Akademiese meriete

**Nota:** 'n Voltydse, eenjarige 'Pre-Secretarial' kursus, wat toegang tot hierdie Diploma verleen, mag gevolg word indien die student se kwalifikasies nie aan die toelatingsvereistes voldoen nie

**Gelde:** 1993: Eerste en tweede jaar: R2350 p.j.; derde jaar: R2040

## HOËR SERTIFIKAATPROGRAM

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Hoër Sertifikaatprogram**

Korrespondensie-kursus

**Rigtings:** Munisipale Administrasie; Openbarebestuur & Administrasie; Plaaslike Owerheidsfinansies; Tuinbou

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (met nie meer as twee vakke op die LG nie, amptelike tale uitgesluit)

**Nota:** Hierdie programme is slegs vir NUWE studente bedoel en nie vir bestaande diplomastudente nie. Studente wat nog nie sekerheid het oor hulle studierigting nie, kan nou vakke vanuit verskillende diplomas kies en na selfevaluering van hul vordering, 'n rigting kies met behoud van toepaslike vakke reeds geslaag. Die kursusse dien as 'n toetreeroete tot 'n nasionale diploma, met volwaardige vakkrediete  
**Gelde:** R390 per vak

## HOMEOPATIE

**Beroep(e):** Homeopaat-in-opleiding

**Persoonlike vereistes:** Verantwoordelik, emosioneel stabiel, simpatiek en taktvol

**Aard van werk:** Diagnoseer siektes en skryf homeopatiese geneesmiddels voor. Die student moet die Meestersdiploma in Tegnologie: Homeopatie behaal om te praktiseer as homeopaat. Dit duur minstens 5 jaar

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Homeopatie**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat met universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Wiskunde en/of Natuur- en Skeikunde. Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Vakke aanbeveel:** Biologie

**Bykomende vereistes:** Moet minstens 17 jaar oud wees en fisies gesond

**Gelde:** R6300 p.j.

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Homeopatie**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (D-simbool) of SG (C-simbool)

**Vakke aanbeveel:** Biologie HG (D-simbool) of SG (C-simbool)

**Keuring:** Persoonlike onderhoud en toelatingseksamen

**Gelde:** Ongeveer R910 per vak

## HOTELBESTUUR

**Beroep(e):** Hotelbestuurder; Restaurantbestuurder

**Persoonlike vereistes:** Vermoë om sosiaal te verkeer, 'n belangstelling in mense en hul gerief, toegewyd en 'n sin vir besigheid

**Aard van werk:** Verantwoordelik vir die effektiewe beheer en koördinerende van alle fasette van 'n hotel of restaurant

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Hotelbestuur

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG

**Vakke vereis:** Eerste Taal HG (50%), Tweede Taal HG (45%) en Rekeningkunde SG. Wiskunde SG of Natuur- en Skeikunde SG. 'n Minimum slaagpunt van 55% word vereis

**Bykomende vereistes:** Minstens 1 jaar werkservaring in die hotelbedryf word verlang

**Keuring:** Psigometriese of aanlegtoetse en 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma:** Hotelbestuur

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- en SG-vakke)

**Keuring:** Persoonlike onderhoud

**Gelde:** R3720 p.j.

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Hotelbestuur

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke aanbeveel:** Hotelhouding en Spyseniering, Rekeningkunde, Bedryfseconomie, Ekonomie, Handelsreg en Huishoudkunde. 'n Derde taal en werksondervinding in die hotel- of 'n verwante bedryf (ook deelyds) sal 'n sterk aanbeveling wees

**Keuring:** Akademiese prestasie, belangstelling, taalvaardigheid, voorkoms en persoonlikheid

**Nota:** Verslae van die skoolhoof, taalonderwyser en afrigters van buitemuurse bedrywighede moet aansoek vergesel

**Gelde:** Eerste jaar alle vakke R575 per vak behalwe die volgende: Kookkunsstudies en Voedsel- en Drankbedieningsstudies R655 en Kommunikasie/Communication R150 per vak. Tweede jaar alle vakke R290 behalwe die volgende: Hotelpraktyk R500, Kookkunsstudies en Voedsel- en Drankbedieningsstudies R330 per vak. Ervaringsopleiding R500 plus R115

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Hotelbestuur

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Een taal op HG

**Vakkeaanbeveel:** Rekeningkunde, Bedryfseconomie, Ekonomie of 'n derde taal

**Bykomende vereistes:** Voltooide nasionale

diensplig, verkieslik in die Spysenierskorps (mans) en praktiese ervaring (ook deelytds) in 'n hotel, restaurant of verwante bedryf sal as 'n aanbeveling dien

**Keuring:** Keuring word vereis

**Gelde:** Ongeveer R380 per vak per semester

## HOTELONTVANGS

**Beroep(e):** Hotelontvangsdame

**Persoonlike vereistes:** Vermoë om sosiaal te verkeer, 'n belangstelling in mense en hul gerief

**Aard van werk:** Verwelkom gaste, is behulpsaam met besprekings en registrasies, stoor waardevolle artikels, staan mense met gebreke by en verrig administratiewe take

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Sertifikaat:** Hotelontvangs

**Duur:** 1 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)

**Keuring:** Persoonlike onderhoud

**Gelde:** R2475 p.j.

## HOUTPRODUKSIE-INGENIEURSWESE

**Beroep(e):** Houtproduksie-ingenieurstechnikus

**Persoonlike vereistes:** Natuurwetenskaplik ingestel, 'n belangstelling in die tegnologie en vermoë om met mense te werk

**Aard van werk:** Is behulpsaam met die verwerking van hout en die produksie van verskeie houtprodukte

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Houtproduksie-ingenieurswese

**Duur:** 6 semesters: 4 akademiese semesters te Saasveld en twee praktiese ervaringssemesters

**Toetreekwalifikasie:** Senior Sertifikaat

sonder universiteitstoelating (LG-vakke is onaanvaarbaar)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) - 'n E-simbool is aanvaarbaar indien dit 'n omgesette HG-punt is

**Vakke aanbeveel:** Wiskunde; Natuur- en Skeikunde en kennis van 'n Afrika-taal  
**Bykomende vereistes:** Voltooide nasionale diensplig is verkieslik en fisiese fiksheid en gesondheid

**Keuring:** Akademiese meriete en 'n aanlegtoets

**Gelde:** R390 per vak

## INLIGTINGSTEGNOLOGIE

**Beroep(e):** Rekenaarprogrammeerder; Stelselontleder

**Persoonlike vereistes:** Gedissiplineerd, akkuraat, syfervaardigheid, logiese denke, inisiatief en die vermoë om goeie menserverhoudinge te handhaaf

**Aard van werk:** Ontleed 'n gebruiker se inligtingsvereistes met die doel om 'n sisteem te ontwerp, skryf 'n uitgebreide program en stelselspesifikasies en sien toe dat dit suksesvol geïmplimenteer word

**Waar:** Border Technikon  
Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds, ervaringsopleiding ingesluit

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Engels HG of SG

**Vakke aanbeveel:** Rekeningkunde

**Keuring:** Akademiese prestasie

**Gelde:** 1993: Eerste en tweede jaar: R1915 p.j.; derde jaar: R1910 p.j.

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit) of 4 jaar deelytds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke

op HG of SG en met 'n D-simbool gemiddeld

**Vakke vereis:** Eerste en Tweede Taal HG en Wiskunde HG (D-simbool) of SG (C-simbool)

**Keuring:** Aanleg- en numeriese toetse

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds of deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Wiskunde HG (E-simbool) of SG (D-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** R3720 p.j.

**Waar:** Port Elizabethse Technikon; Port Elizabethse Technikon (Oos-Londen-kampus)

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (ses vakke en 'n D-simbool gemiddeld) met 'n minimum van drie vakke op HG (LG-vakke is onaanvaarbaar)

**Vakke vereis:** Eerste Taal HG (D-simbool) of SG (E-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** R580 - R840 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels

Tweede Taal HG (C-simbool) of SG (B-simbool) en Wiskunde HG of SG (C-simbool)

**Keuring:** 'n Slaagpunt in die Technikon se rekenaaraanlegtoets

**Gelde:** R4680 p.j. (R1105 per vak)

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)

**Vakke vereis:** Engels en Wiskunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Rekeningkunde

**Keuring:** Akademiese prestasie

**Nota:** 1992-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke aanbeveel:** Rekeningkunde en Wiskunde. Rekenaargeletterdheid is ook 'n aanbeveling

**Keuring:** Akademiese prestasie

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Inligtingstegnologie

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee laergraadvakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde SG  
**Vakke aanbeveel:** Rekeningkunde  
**Keuring:** 'n Aanlegtoets  
**Nota:** Voornemende studente moet voor die einde van Augustus 'n afspraak maak vir keuring  
**Gelde:** Eerste jaar: R642 - R758 per vak; tweede jaar: R660 - R796 per vak; derde jaar: R796 per vak

**Waar:** Technikon SA  
Engels- en Afrikaansmedium  
**Nasionale Diploma: Inligtingstegnologie**  
Korrespondensie  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit)  
**Vakke vereis:** Indien 'n student vir 'n kursus in Wiskundige Metodes wil registreer, word Wiskunde op matriekvlak vereis  
**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Inligtingstegnologie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG  
**Vakke aanbeveel:** Wiskunde en/of Rekeningkunde HG word sterk aanbeveel. Taalvaardigheid is 'n verdere aanbeveling  
**Keuring:** Vakkeuse, graad van vakke en 'n aanlegtoets  
**Gelde:** Ongeveer R500 - R552 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans en Engelsmedium  
**Nasionale Diploma: Inligtingstegnologie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** 'n Redelike slaagpunt in een amptelike taal en Wiskunde  
**Vakke aanbeveel:** Een of meer van die

volgende vakke: Rekeningkunde, Bedryfs-  
seksonomie, Rekenaarwetenskap, Ekonomie  
en Natuur- en Skeikunde  
**Keuring:** 'n Aanlegtoets, vraelys en persoonlike onderhoud  
**Gelde:** Ongeveer R380 per vak per semester

**Waar:** Transkei Technikon  
Engelsmedium  
**Nasionale Diploma: Inligtingstegnologie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** 'n Slaagpunt in Wiskunde  
**Keuring:** Toelating is aan keuring onderworpe  
**Gelde:** R3650 p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Inligtingstegnologie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak  
**Vakke vereis:** Wiskunde, Afrikaans en Engels HG of SG. Afrikaans mag deur 'n ander taal vervang word  
**Keuring:** Puntestelsel en moontlike plasingstoets  
**Gelde:** Eerste jaar: R2916; tweede jaar: R2897; derde jaar: R3021

## **INTERIEURONTWERP**

**Beroep(e):** Interieurontwerper  
**Persoonlike vereistes:** Hou daarvan om met mense te werk, kunstig, kreatief en vermoë om idees op papier vas te lê  
**Aard van werk:** Dra ontwerpidees mondeling oor asook d.m.v. modelle, sketse en fotos. Beplan, binne perke van die beskikbare ruimte, 'n aantreklike en funksionele menslike omgewing in 'n gebou, sonder om die uiteindelijke doel van die gebou of vertrek buite rekening te laat

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Interieurontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG. Funkionele vakke is onaanvaarbaar

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Keuring:** 'n Praktiese toelatingstoets en 'n portefeulje van geskrewe en praktiese werk. Kandidate wat nie aan die taalvereistes voldoen nie, moet 'n taalvaardigheids-toets slaag

**Gelde:** Eerste jaar: R3840; tweede jaar: R3900; derde jaar: R3910

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Interieurontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Portefeulje van kreatiewe werk, moontlike persoonlike onderhoud en teken-toets

**Gelde:** R4680 p.j. of R1105 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Interieurontwerp

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste jaar: R524 - R790 per vak; tweede jaar: R278 - R488 per vak; derde

jaar: R284 - R502 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Interieurontwerp

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Kuns en Wiskunde

**Keuring:** Praktiese eksamen, 'n portefeulje van eie werk en 'n persoonlike onderhoud

**Gelde:** Ongeveer R480 per vak

## INTERNE OUDITKUNDE

**Beroep(e):** Interne ouditeur

**Persoonlike vereistes:** Integriteit, intelligensie, nougesetheit, syfervaardigheid en 'n goeie oordeelsvermoë

**Aard van werk:** Deurlopende kontrolering van 'n onderneming se finansies stel die interne ouditeur in staat om foute vroegtydig op te spoor en reg te stel. Hy/sy hersien, evalueer en interpreteer finansiële verslae en die interne beheerstelsel en doen verslag aan topbestuur

**Waar:** Border Technikon  
Engelsmedium

**Nasionale Diploma:** Interne Ouditkunde

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels HG (E-simbool) plus Rekeningkunde of Wiskunde SG (E-simbool) of minstens 2 jaar ondervinding in die rekeninge-afdeling van 'n openbare of privaat onderneming

**Keuring:** Akademiese prestasie

**Gelde:** 1993: Eerste en tweede jaar: R1660 p.j.; derde en vierde jaar: R1410 p.j.

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Interne Ouditkunde

**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit) of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat

sonder universiteitstoelating met ses vakke op HG of SG en minstens 'n D-simbool gemiddeld

**Vakke vereis:** Eerste en Tweede Taal HG en Rekeningkunde

**Vakke aanbeveel:** Wiskunde

**Keuring:** 'n Aanleg- en numeriese toets

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)

**Vakke vereis:** Engels, Afrikaans en Wiskunde. Rekeningkunde HG (E-simbool) of SG (D-simbool). Voorkeur aan kandidate met goeie Wiskunde- en Rekeningkunde-simbole

**Keuring:** Akademiese prestasie

**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld (slegs HG- of SG-vakke)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool), Tweede Taal en Rekeningkunde of Wiskunde of Handelswiskunde

**Keuring:** Akademiese prestasie

**Gelde:** R580 - R650 per vak

**Waar:** Setlogelo Technikon  
Engelsmedium

**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld

**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool) en albei amp-

telike tale

**Vakke aanbeveel:** Wiskunde en Ekonomie

**Keuring:** Akademiese prestasie

**Gelde:** R175 per semester per vak

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)

**Vakke vereis:** Rekeningkunde en Wiskunde HG (E-simbool) of SG (D-simbool)

**Keuring:** Akademiese prestasie

**Nota:** 1992-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale sluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke aanbeveel:** Rekeningkunde

**Keuring:** Akademiese prestasie

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Wiskunde en Rekeningkunde SG

**Keuring:** Toelating aan keuring onderworpe

**Nota:** Hierdie kursus word in November



1994 uitgefaseer

**Gelde:** Eerste jaar voltyds en deelyds R642 - R758 per vak; tweede jaar voltyds R660 - R662 en deelyds R642 - R662 per vak; derde jaar voltyds R642 - R678 en deelyds R660 - R662 per vak; vierde jaar deelyds: R642 - R678 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Interne Ouditkunde**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)  
**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar voltyds (3 maande ervaringsopleiding ingesluit)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld  
**Vakke vereis:** Rekeningkunde HG (D-simbool) of SG (B-simbool) en 'n slaagpunt in Wiskunde  
**Bykomende vereistes:** Bogemiddelde skryf- en verbale kommunikasievermoëns, Engelse taalvaardigheid en goeie analitiese vaardighede  
**Keuring:** Akademiese prestasie  
**Gelde:** Ongeveer R113 - R500 per vak

**Waar:** Transkei Technikon  
Engelsmedium  
**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool). Engels (E-simbool). Ekonomie (D-simbool)  
**Keuring:** Akademiese prestasie

**Gelde:** R3150 p.j.

**Waar:** Vaaldrichhoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Interne Ouditkunde**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak  
**Vakke vereis:** Albei amptelike tale op HG or SG  
**Keuring:** Puntestelsel en moontlike plasingstoets  
**Gelde:** Eerste jaar: R3048; tweede en derde jaar: R2122 p.j.

## **INVOER- EN UITVOERBESTUUR**

**Beroep(e):** Invoerbestuurder; Uitvoerbestuurder

**Persoonlike vereistes:** Selfgedisiplineerd, verantwoordelik en die vermoë om goed te kommunikeer

**Aard van werk:** Die invoer van grondstowwe met die oog op die uitvoer van die verwerkte eindproduk. Die betaling van uitvoerprodukte na Afrika-lande kan in die vorm van goedere geskied en daarom moet die bestuurder ook goeie kennis van invoere hê. Beroepsmoontlikhede bestaan by in- en uitvoermaatskappye, die staatsdiens of in die skep van 'n eie invoer- en uitvoeronderneming

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Invoer- en Uitvoerbestuur**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie  
**Keuring:** Akademiese prestasie  
**Gelde:** R485 per vak

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Invoer- en Uitvoer-  
bestuur**  
Korrespondensie  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (maksimum  
van twee LG-vakke, amptelike tale uitge-  
sluit)  
**Nota:** Toepaslike praktiese opleiding van 3  
maande word aanbeveel. Toegang tot 'n  
rekenaar word vereis indien die rekenaar-  
kursus gekies word  
**Gelde:** R390 per vak

## JOERNALISTIEK

**Beroep(e):** Joernalis  
**Persoonlike vereistes:** Vermoë om te kan  
skryf, algemene kennis, verbeelding, nuus-  
kierigheid, deurstellingsvermoë, objektivi-  
teit en stamina  
**Aard van werk:** Versamel akkurate en  
pertinente inligting en skryf dan hierdie  
inligting op 'n helder, interessante en  
kernagtige wyse as 'n verslag aan die pers,  
radio, televisie of verwante nuusmedia

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Joernalistiek**  
**Duur:** 3 jaar: 2 jaar formele opleiding en  
1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (slegs HG- of  
SG-vakke)  
**Vakke vereis:** Engels HG (D-simbool) of  
SG (C-simbool) en 'n slaagpunt in Afri-  
kaans of 'n ander taal  
**Keuring:** Meriete, aanlegtoets en persoon-  
like onderhoud. Toepaslike ondervinding  
word ook in aanmerking geneem  
**Gelde:** R2475 p.j.

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Joernalistiek**  
**Duur:** 3 jaar voltyds: 2 jaar formele oplei-  
ding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (maksimum  
van twee LG-vakke, amptelike tale uitge-  
sluit en slegs aanvaarbaar indien dit nie 'n  
vereiste vir die onderrigprogram is nie)  
**Vakke vereis:** Minstens 4 vakke op HG  
waarvan 2 vakke tale moet wees (minimum  
HG (D-simbool)). Een van die tale moet  
Engels wees  
**Keuring:** Persoonlike onderhoud en toela-  
tingstoets  
**Gelde:** R4800 vir die eerste jaar of R1135  
per vak. R2650 per semester vir die  
tweede en derde jare of R615 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Joernalistiek**  
**Duur:** 3 jaar: 2 jaar formele opleiding en  
1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee LG-vakke. Vakke op LG  
is slegs aanvaarbaar indien dit nie in die  
onderrigprogram vereis word nie  
**Vakke vereis:** Afrikaans en Engels HG  
(verkiepslik C-simbool)  
**Vakke aanbeveel:** Ander hoërgraadvakke  
soos bv. Geskiedenis en Aardrykskunde  
**Keuring:** Akademiese prestasie, algemene  
kennis, taalvaardigheid, geskrewe toets en  
moontlike persoonlike onderhoud  
**Gelde:** Eerste jaar R258 per vak per se-  
mester - R874 per vak per jaar; tweede  
jaar R258 per vak per semester - R1186  
per vak per jaar; derde jaar R642 - R570  
per vak p.j.

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Joernalistiek**  
**Duur:** 3 jaar: 2 jaar formele opleiding en  
1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Bykomende vereistes:** 'n Aanvoeling vir  
tale  
**Keuring:** Taalvaardigheid, 'n aanlegtoets  
en 'n moontlike onderhoud

**Gelde:** Ongeveer R236 - R501 per vak

## **JUWELIERSWARE-ONTWERP EN -VERVAARDIGING**

**Beroep(e):** Juweliers-ontwerper; Juweliers-vervaardiger

**Persoonlike vereistes:** Kunstig, kreatief, 'n praktiese oriëntasie en die vermoë om inisiatief te neem

**Aard van werk:** Ontwerp, vervaardiging en verkoop van juweliersware in eie besigheid of as werknemer van 'n onder-neming

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Juweliersware-ontwerp en -vervaardiging**

Juweliersware-ontwerp en -vervaardiging

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG. Funksionele vakke is onaan-vaarbaar

**Vakke vereis:** Eerste Taal HG en Tweede taal SG

**Keuring:** 'n Praktiese toelatingstoets. Kandidate wat nie aan die taalvereistes voldoen nie, moet 'n taalvaardigheidstoets slaag

**Gelde:** Eerste jaar: R4010 en tweede jaar: R4250

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Juweliersware-ontwerp en -vervaardiging**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Portefeulje van kreatiewe werk,

praktiese toets en persoonlike onderhoud  
**Gelde:** R4770 p.j. of R1130 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Juweliersware-ontwerp en -vervaardiging**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Natuur- en Skeikunde, Kuns, Houtwerk of Metaalwerk

**Keuring:** Portefeulje van werk, toelatings-eksamen en persoonlike onderhoud

**Gelde:** Ongeveer R480 per vak

## **KANTOORADMINISTRASIE**

**Beroep(e):** Sekretaresse; Persoonlike assistent; Administratiewe beampte; Kantoor-toesighouer

**Persoonlike vereistes:** Georganiseerd, selfgemotiveerd, vermoë om vertroulikheid en goeie menseverhoudinge te handhaaf en besluite te implementeer

**Aard van werk:** Die kandidaat moet oor die nodige insig en kantoorvaardighede beskik om uitdagings die hoof te bied en 'n positiewe bydrae te lewer t.o.v. die beste benutting, toepassing en instandhouding van administratiewe prosedures, metodes, kantoorstelsels en personeel

**Waar:** Transkei Technikon  
Engelsmedium

**Nasionale Diploma: Kantooradmini-strasie**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** 'n Slaagpunt in Engels. Tik HG (D-simbool) of SG (C-simbool). Bedryfsekonomie of Ekonomie (D-simbool)

**Keuring:** Toetse in Engels en algemene kennis

**Gelde:** 3150 p.j.

## KARTOGRAFIE

**Beroep(e):** Kartograaf

**Persoonlike vereistes:** Vermoë om idees op papier weer te gee, tekenvaardigheid, goeie ruimtelike persepsie en die vermoë om met detail te werk

**Aard van werk:** Stel kaarte uit foto's, verslae, manuskripte, ander kaarte en statistiese verslae saam; verwerk bronmateriaal; pas fotoligrafie, fotografiese verwerkingsprosesse en rekenaartegnologie toe

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Kartografie**

**Duur:** 3 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG. Wiskunde SG (D-simbool) of HG (E-simbool) of N4 Wiskunde (minstens 50%)

**Keuring:** Psigometriese toetse, aanlegtoetse of persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Kartografie**

**Duur:** 3 jaar: 4 semesters teoretiese opleiding en 2 semesters ervaringsopleiding

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (C-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** Eerste semester: R224 - R480 per vak; tweede semester: R254 - R452 per vak; derde semester: R386 - R456 per vak; vierde semester: R386 - R506 per vak

## KERAMIEKONTWERP

**Beroep(e):** Keramiekontwerper

**Persoonlike vereistes:** Kunstig, innoverend en het waardering vir tasbare sowel as visuele kwaliteite in kunsobjekte

**Aard van werk:** Die verskaffing van funksionele en dekoratiewe keramiekvoorwerpe aan die publiek. Laasgenoemde kan ook grootskaalse argitektoniese panele en beeldhouwerk insluit. Die werk kan in massa in 'n fabriekopset, of meer individueel in 'n ateljee-pottelbakkersopset benader word

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma in Keramiekontwerp**

**Duur:** 3 jaar

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool). Voorkeur aan kandidate met EEN hoërgraad-inhoudsvak (bv. Fisika, Natuur- en Skeikunde, Geskiedenis, Kungesgeskiedenis ens.)

**Keuring:** Akademiese prestasie. 'n Onderhoud, portefeulje en/of eksamen kan moontlik ook vereis word

**Gelde:** R720 - R870 per vak

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma in Keramiekontwerp**

**Duur:** 3 jaar

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Keuring:** Akademiese prestasie, aanleg en belangstelling in kuns

**Gelde:** Eerste jaar: R450 per vak; tweede en derde jaar: R795 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Keramiekontwerp**  
**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Keuring:** Akademiese prestasie en 'n persoonlike onderhoud  
**Gelde:** Eerste jaar: R474 - R790 per vak; tweede jaar: R488 - R788 per vak; derde jaar: R502 - R802 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Keramiekontwerp**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke aanbeveel:** Kuns  
**Keuring:** Portefeulje met voorbeelde van werk, praktiese eksamen, persoonlike onderhoud, skriftelike component  
**Gelde:** Ongeveer R480 per vak

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma in Keramiekontwerp**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG (amptelike tale ingesluit)  
**Vakke aanbeveel:** Natuur- en Skeikunde, Wiskunde, Kuns  
**Keuring:** Puntestelsel, keuringsonderhoud en portefeulje van kunswerke  
**Gelde:** Eerste jaar: R3283; tweede jaar: R3033; derde jaar: R3102

## **KERAMIEKTEGNOLOGIE**

**Beroep(e):** Keramiektegnoloog  
**Persoonlike vereistes:** Wetenskaplik ingestel, innoverend, kreatief, goeie waarnemingsvermoë  
**Aard van werk:** Die werk is laboratorium-

gerig en behels die wetenskaplike proses vir die maak van teëls, stene, porselein, vuurvaste produkte, glas ens.

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Keramiektegnologie**  
**Duur:** 3 jaar: 3 semesters formele opleiding en 3 semesters ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke aanbeveel:** Natuur- en Skeikunde en Wiskunde  
**Keuring:** Akademiese prestasie  
**Gelde:** Eerste semester: 4 vakke @ R450 per vak; tweede semester: 8 vakke @ R464 per vak; derde semester: R464 - R474 per vak;

## **KERNTEGNOLOGIE**

**Beroep(e):** Kerntechnoloog  
**Persoonlike vereistes:** Analitiese vermoëns en insig in die werking van die natuur en natuurwette  
**Aard van werk:** Ondersteun die kernwetenskaplike in skeidingstechnieke, aanwending van lasers in spektroskopiese ondersoek en in die bestudering van industriële prosesse d.m.v. radioaktiewe opsporing ens.. Kan ook in die veld van geneeskundige dienste werk

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Kerntechnologie**  
**Duur:** 3 jaar voltyds: 3 semesters formele opleiding en 3 semesters toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde  
**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste semester R412 - R520 per vak; tweede semester R422 - R514 per vak; derde semester R474 - R542 per vak

## **KLEDING**

**Beroep(e):** Huishoudkundige; Verbruikersvoorglifter

**Persoonlike vereistes:** Prakties, innoverend en die vermoë om goeie interpersoonlike verhouding te handhaaf

**Aard van werk:** Stel kennis tot beskikking van individue, gesinne en gemeenskappe sodat hulpmiddelle meer effektief gebruik kan word. Word ook aangewend om voorligting oor onder meer voedsel, kleding, tekstiele en binneversiering te verskaf. Reklame-, promosie- en skakelwerk is ook gebiede wat betree kan word

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kleding

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie

**Vakke aanbeveel:** Biologie, Huishoudkunde of Natuur- en Skeikunde HG of SG

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R550 per vak

## **KLEDINGPRODUKSIE**

**Beroep(e):** Kledingproduksiebestuurder

**Persoonlike vereistes:** Vermoë om oplossings prakties toe te pas, om logies te redeneer, om objektief en innoverend te dink, te beraadslag en goeie menseverhouding te handhaaf

**Aard van werk:** Hanteer die klerebedryf, verseker die produksie van goedere op die regte tyd en teen die regte prys om kliënte tevrede te stel en gebruik kommunikasievaardighede in industriële kommunikasiesi-

tuasies

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kledingproduksie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Vakke aanbeveel:** Wiskunde, Rekeningkunde, Bedryfseksonomie

**Keuring:** Psigometriese en syferkundige toets en moontlik 'n persoonlike onderhoud

**Gelde:** Eerste jaar: R3750; tweede jaar: R3940; derde jaar: R2250

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kledingproduksie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Vakke aanbeveel:** Wiskunde

**Keuring:** Persoonlike onderhoud

**Gelde:** Eerste en tweede jaar: R4930 p.j. (R1170 per vak); derde jaar: R2840 per semester (R665 per vak)

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kledingproduksie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels en Afrikaans (een daarvan op HG)

**Vakke aanbeveel:** Naaldwerk, Rekeningkunde, Bedryfseksonomie, Wiskunde

**Keuring:** Persoonlike onderhoud

**Gelde:** Eerste jaar: ongeveer R184 per vak; tweede jaar: ongeveer R161 per vak; derde jaar: ongeveer R368 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kledingproduksie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Rekeningkunde, Bedryfsekonomie of Wiskunde

**Keuring:** Toelatingseksamen

**Gelde:** Ongeveer R480 per vak

## **KLEINHANDELSAKEBESTUUR**

**Beroep(e):** Kleinhandelsakebestuurder

**Persoonlike vereistes:** Kreatief, innoverend, kommunikeer goed en geniet dit om met mense te werk

**Aard van werk:** Behartig besigheidsverpligtinge in die verspreiding en bemaking van produkte en dienste aan die publiek. Daar bestaan 'n groot behoefte aan opgeleide persone in die klein- en groothandel, afdelingswinkels en hipermarkte, voedsel en nie-voedsel kleinhandelaars, spesialiteits- en verbruikersgoederewinkels, afslagwinkels en koöperasies

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kleinhandelsakebestuur

**Duur:** 3 jaar voltyds waarby prakties ingesluit is

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG en Tweede Taal HG

**Vakke aanbeveel:** Wiskunde, Rekeningkunde, Ekonomie of Bedryfsekonomie

**Keuring:** Punteskalaal

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kleinhandelsakebestuur

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 5 vakke op HG en/of SG ('n LG-vak is slegs toelaatbaar indien dit nie in die program van studie vereis word nie en ook nie een van die amptelike tale insluit nie)

**Keuring:** Evalueeringskaal

**Gelde:** R485 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Kleinhandelsakebestuur

Korrespondensie-kursus

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Bykomende vereistes:** Studente moet toegang tot 'n rekenaar vir Rekenaareindverbruik I hê (ongeveer 1 uur per week)

**Nota:** Hierdie kursus is veral ingestel op die voorbereiding van persone werksaam in die kleinhandelbedryf en aanverwante bedrywe (groothandel- en kleinhandeldienstebedryf) vir moontlike bevordering tot bestuursposisies asook persone wat reeds 'n bestuursposisie beklee

**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kleinhandelsakebestuur

**Duur:** 3 jaar voltyds (3 maande indiensopleiding gedurende die finale jaar van studie)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of Engels Tweede Taal HG (D-simbool)

**Vakke aanbeveel:** Wiskunde, Rekeningkunde of Bedryfsekonomie

**Gelde:** Ongeveer R500 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Kleinhandelsake-  
bestuur**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating

**Vakke aanbeveel:** Tale, Wiskunde, Kuns,  
Rekeningkunde, Biologie, Bedryfs-  
ekonomie, Aardrykskunde, Geskiedenis,  
Natuur- en Skeikunde of 'n derde taal

**Keuring:** Akademiese toetse, biografiese  
vraelys en 'n persoonlike onderhoud

**Gelde:** 5 vakke @ ongeveer R670 elk p.j.  
of R380 elk per semester

## **KLEINSAKE-ONTWIKKELING**

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Sertifikaat:** Kleinsake-ontwikkeling

**Duur:** 4 maande deelyds (een aand per  
week)

**Toetreekwalifikasie:** Geen toelatingsver-  
eistes nie

**Nota:** 1992-inligting

## **KLEREMAKERY EN PA- TROONKONSTRUKSIE**

**Beroep(e):** Patroonontwerper; Kleremaker

**Persoonlike vereistes:** 'n Belangstelling in  
kleur, styl en modes

**Aard van werk:** Ontwerp, sny en maak  
klere volgens sekere vereistes

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Sertifikaat:** Kleremakery en  
Patroonkonstruksie

**Duur:** 1 jaar

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ten minste  
4 vakke op HG of SG (amptelike tale  
ingesluit)

**Vakke aanbeveel:** Huishoudkunde, Naald-

werk, Tik

**Keuring:** Puntestelsel

**Gelde:** R3388

## **KLINIESE TEGNOLOGIE**

**Beroep(e):** Kliniese tegnoloog

**Persoonlike vereistes:** Baie akkuraat,  
vermoë om in 'n span te werk, toegewyd  
en eerlik

**Aard van werk:** Kliniese tegnoloë is  
belangrike lede van die geneeskundige  
span. Die kliniese tegnoloog is verantwoor-  
delik vir die uitvoer van spesiale onder-  
soeke en korrektiewe prosedures op pasiën-  
te. Die groep is onderworpe aan noodop-  
roep en neem ook deel aan navorsings-  
projekte

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Kliniese Tegnologie

**Duur:** 3 jaar voltyds: 12 maande opleiding  
aan die Technikon en 24 maande verdere  
opleiding onder toesig van gekwalifiseerde  
kliniese tegnoloë en mediese dokters

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ses vakke  
op HG en/of SG en 'n D-simbool gemid-  
deld

**Vakke vereis:** Eerste Taal HG en Tweede  
Taal SG en Wiskunde en Natuur- en Skei-  
kunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Biologie

**Bykomende vereistes:** Studente moet in  
diens wees van een van die opleidingshos-  
pitale alvorens hulle by die Technikon kan  
registreer

**Keuring:** Psigometriese toetse, aanleg-  
toetse of 'n persoonlike onderhoud

**Nota:** Registrasie as gekwalifiseerde teg-  
noloog geskied eers na 4 jaar opleiding

**Gelde:** Eerste semester: 3 vakke @ R470  
per vak en 1 vak @ R500 per vak; tweede  
semester: 4 vakke @ R470 per vak

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Kliniese Tegnologie

**Duur:** 3 jaar: 1 jaar opleiding by die



Technikon en 2 jaar teoretiese en praktiese opleiding by 'n goedgekeurde opleidings-eenheid

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Wiskunde, Engels, Natuur- en Skeikunde en Biologie

**Keuring:** Meriete en moontlikheid van 'n persoonlike onderhoud

**Gelde:** R3720 p.j.

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Kliniese Tegnologie**

**Duur:** 3 jaar voltyds: 12 maande formele opleiding en 24 maande ervaringsopleiding in 'n geregistreerde hospitaal

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde en Biologie HG of SG (50%)

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R500 per vak

## **KOMMERSIËLE PRAKTYK**

**Beroep(e):** Administratiewe beampte; Sekretaresse

**Persoonlike vereistes:** Akkuraat, vermoë om probleme op te los en geniet dit om mense te organiseer en te beheer

**Aard van werk:** Identifiseer en los probleme op, implementeer nuwe werksituasies, administreer 'n maatskappy en hou die nodige dokumentasie

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma: Kommersiële Praktijk**

**Duur:** 3 jaar voltyds of 4 jaar deeltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Albei amptelike tale. Engels en Rekeningkunde HG (E-simbool) of SG (D-simbool)

**Gelde:** R2475 p.j.

**Waar:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho-kampus)

Engelsmedium

**Nasionale Diploma: Kommersiële Praktijk**

**Duur:** 3 jaar voltyds (word deeltyds aangebied by die Mmabatho-kampus)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool)

**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Bedryfsekonomie, Ekonomie

**Keuring:** Puntestelsel

**Gelde:** R175 per vak per semester

**Waar:** Technikon SA

Afrikaans- of Engelsmedium

**Nasionale Diploma: Kommersiële Praktijk**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die vakke op LG mag nie die amptelike tale wees nie)

**Gelde:** R390 per vak

## **KORREKTIEWE DIENSTEBESTUUR**

**Waar:** Border Technikon

Engelsmedium

**Nasionale Diploma: Korrektiewe Dienste-bestuur**

**Duur:** 4 jaar deeltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Akademiese prestasie

**Nota:** 1993-inligting

**Gelde:** Eerste jaar: R1660; tweede jaar:

R1245; derde jaar: R1300; vierde jaar: R1355

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Korrektiewe Dienste-bestuur**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)

**Keuring:** Akademiese prestasie

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Korrektiewe Dienste-bestuur**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Bykomende vereistes:** Dienende lid van die Departement van Korrektiewe Dienste of gevangenisdienste van die TBVC-lande of Nasionale Selfregerende State

**Nota:** Kandidate wat nie oor 'n Nasionale Senior Sertifikaat of gelykwaardige kwalifikasie beskik nie, kan toegelaat word om vir die bevorderingseksamen vir korrektiewe dienste-administrasie I, II of III in te skryf

**Gelde:** R390 per vak

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Gevangenisbestuur**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG en wat die amptelike tale insluit

**Keuring:** Sweedse Telskaal

**Waar:** Technikon Pretoria; Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)

Afrikaans- of Engelsmedium  
**Nasionale Diploma: Korrektiewe Dienstebestuur**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Bykomende vereistes:** Studente moet by 'n Korrektiewe Dienste inrigting werk

**Keuring:** Akademiese prestasie

**Gelde:** Eerste jaar: R484 - R762 per vak; tweede jaar: R642 - R860 per vak; derde jaar: R660 - R928 per vak

## **KOSTE- EN BESTUURSREKENINGKUNDE**

**Beroep(e):** Kosterekenmeester

**Persoonlike vereistes:** Syfervaardigheid, sistematiese benadering tot probleme, goeie menseverhoudinge, eerlikheid, integriteit, kritiese ingesteldheid

**Aard van werk:** Die kosterekenmeester is 'n sentrale figuur in die bestuur van talle sakeondernemings en vervul die rol van 'n deeglik opgeleide rekenmeester, sowel as 'n bestuursadviseur. Produksiebeheer, raming van produksiekoste en tenderwerk is gebiede waarby hy/sy betrek word

**Waar:** Border Technikon

Engels medium

**Nasionale Diploma: Koste- en Bestuursrekeningkunde**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels en Wiskunde HG (E-simbool)

**Keuring:** Akademiese meriete

**Gelde:** 1993: Eerste jaar: R2075; tweede jaar: R1660; derde jaar: R1880

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs- rekeningkunde**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG en 'n D+ gemiddeld  
**Vakke vereis:** Eerste en Tweede Taal HG en Rekeningkunde  
**Vakke aanbeveel:** Wiskunde  
**Keuring:** Aanlegtoets om rekenaar- en syferkundige aanleg te bepaal  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs- rekeningkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool), Engels, Afrikaans en Wiskunde  
**Gelde:** R2475 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs- rekeningkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool (50%) gemiddeld  
**Vakke vereis:** Engels en Rekeningkunde of Wiskunde HG (D-simbool)  
**Keuring:** Kandidate word gekeur  
**Gelde:** R1430 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs- rekeningkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder

enige laergraadvakke  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Wiskunde en/of Rekeningkunde en/of Handelswiskunde  
**Keuring:** Akademiese prestasie

**Waar:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho-kampus)  
Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs- rekeningkunde**  
**Duur:** 3 jaar voltyds (word deelyds aangebied by die Mmabatho-kampus)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool)  
**Vakke vereis:** Rekeningkunde en Wiskunde HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Ekonomie  
**Keuring:** Puntestelsel  
**Gelde:** R175 per vak per semester

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs- rekeningkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) en Wiskunde HG (E-simbool) of SG (D-simbool)  
**Keuring:** Moontlike onderhoud  
**Gelde:** R4010 p.j. (R940 per vak)

**Waar:** Technikon Noord-Transvaal  
Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs- rekeningkunde**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens

'n E-simbool gemiddeld  
**Vakke vereis:** Engels en Rekeningkunde  
HG (E-simbool) of SG (D-simbool)  
**Keuring:** Akademiese prestasie  
**Nota:** 1992-inligting  
**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs-  
rekeningkunde**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van 5 vakke op HG en/of SG, ampte-  
like tale ingesluit. 'n Vak op LG is slegs  
toelaatbaar indien dit nie in die onderrig-  
program vereis word nie  
**Vakke aanbeveel:** Rekeningkunde  
**Keuring:** Akademiese prestasie  
**Gelde:** R485 per vak

**Waar:** Technikon Pretoria; Technikon  
Pretoria (Nelspruit-kampus)  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs-  
rekeningkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee vakke op LG. Die vakke  
op LG is slegs toelaatbaar indien dit nie in  
die onderrigprogram vereis word nie  
**Keuring:** Akademiese prestasie  
**Gelde:** Voltyds: eerste jaar: R642 - R722  
per vak; tweede jaar: R660 - R662 per  
vak; derde jaar: R642 - R758 per vak.  
Deelyds: eerste jaar: 3 vakke @ R642 per  
vak; tweede jaar: R660 - R662 per vak;  
derde jaar: R642 - R678 per vak; vierde  
jaar: R722 - R758 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs-  
rekeningkunde**  
Korrespondensie-kursus;  
**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee vakke op LG (die twee  
vakke op LG mag nie die amptelike tale  
wees nie)  
**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs-  
rekeningkunde**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Rekeningkunde en Wis-  
kunde HG (E-simbool) of SG (D-simbool)  
**Bykomende vereistes:** Vaardigheid in tale  
en goeie analitiese vermoëns  
**Keuring:** Akademiese prestasie  
**Gelde:** Ongeveer R366 - R500 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs-  
rekeningkunde**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Wiskunde of Rekening-  
kunde HG (E-simbool) of SG (C-simbool)  
**Keuring:** Keuringstoets  
**Gelde:** Ongeveer R670 per vak p.j. of  
ongeveer R380 per vak per semester

**Waar:** Transkei Technikon  
Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs-  
rekeningkunde**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Rekeningkunde HG (E-  
simbool) of SG (D-simbool), Engels (E-  
simbool), Ekonomie (D-simbool)  
**Keuring:** Akademiese prestasie, toepaslike  
vakke en 'n persoonlike onderhoud  
**Gelde:** R3650 p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Koste- en Bestuurs-  
rekeningkunde**

**Duur:** 3 jaar voltyds of deelyds  
**Toetreekwalikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ten minste  
4 vakke op HG of SG (amptelike tale  
ingesluit)

**Vakke aanbeveel:** Bedryfseconomie,  
Ekonomie, Handelsreg, Rekeningkunde,  
Wiskunde

**Keuring:** Puntestelsel

**Gelde:** Eerste jaar: R3072; tweede jaar:  
R2212; derde jaar: R2167

## **KREDIETBESTUUR**

**Beroep(e):** Kredietbestuurder; Krediet-  
kontroleur

**Persoonlike vereistes:** Aangename per-  
soonlikheid en voorkoms, vermoë om  
effektief te praat en skryf, taktvol, maar  
ferm en bereid om grotendeels syferkun-  
dige berekeninge te doen

**Aard van werk:** Open rekeninge vir voor-  
nemende kliënte ooreenkomstig die maat-  
skappy se kredietbeleid deur voornemende  
kopers se kredietwaardigheid te bepaal,  
huuraankoopkontrakte op te stel en deposi-  
to's en betalings in te samel. Die krediet-  
kontroleur het die finansiële outoriteit om  
kredietaansoeke goed of af te keur

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Kredietbestuur**

**Duur:** 3 jaar voltyds

**Toetreekwalikasie:** Senior Sertifikaat  
sonder universiteitstoelating met vakke op  
HG of SG

**Vakke vereis:** Engels HG (E-simbool) of  
SG (D-simbool) en 'n slaagpunt in Reke-  
ningkunde

**Keuring:** Meriete

**Gelde:** R2475 p.j.

**Waar:** Technikon Pretoria; Technikon  
Pretoria (Witbank-kampus)  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Kredietbestuur**

**Duur:** 4 jaar deelyds

**Toetreekwalikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee vakke op LG. Die vakke  
op LG is slegs toelaatbaar indien dit nie in  
die onderrigprogram vereis word nie

**Keuring:** Akademiese prestasie

**Gelde:** Eerste jaar: R642 - R692 per vak;  
tweede jaar: R424 - R722 per vak; derde  
jaar: R660 - R662 per vak; vierde jaar:  
R660 - R678 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Kredietbestuur**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van vier vakke op SG of HG (die  
amptelike tale mag nie op LG wees nie)

**Gelde:** R390 per vak

## **LABORATORIUMDIERTEG- NOLOGIE**

**Beroep(e):** Laboratoriumdiertegnikus

**Persoonlike vereistes:** Moet daarvan hou  
om met diere te werk

**Aard van werk:** Die persoon wat die  
Diploma verwerf het, moet instaat wees  
om skoonmaakprosedures, diereversorging  
en administratiewe pligte uit te voer sowel  
as om tegniese en navorsingsbystand te  
verleen

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Sertifikaat: Laboratoriumdier-  
tegnologie**

Korrespondensie-kursus;

**Duur:** 1 jaar (1 week praktiese evaluering)

**Toetreekwalikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van 2 vakke op LG (die amptelike  
tale mag nie op LG wees nie)

**Bykomende vereistes:** Geskrewe bewys

van toegang tot die fasiliteite van 'n goed-gekeurde proefdierlaboratorium  
**Gelde:** R430 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Hoër Sertifikaat: Laboratoriumdiertegnologie**  
Korrespondensie-kursus;  
**Duur:** 2 jaar (2 weke praktiese evaluasie)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)  
**Bykomende vereistes:** Geskrewe bewys van toegang tot die fasiliteite van 'n goed-gekeurde proefdierlaboratorium  
**Gelde:** R430 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Laboratoriumdiertegnologie**  
Korrespondensie-kursus;  
**Duur:** 3 jaar (3 weke praktiese evaluering)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)  
**Bykomende vereistes:** Geskrewe bewys van toegang tot die fasiliteite van 'n goed-gekeurde proefdierlaboratorium  
**Gelde:** R430 per vak

## LANDBOU

**Beroep(e):** Landbouvoorligtingstegnikus; Landbouhulpbrontegnikus  
**Persoonlike vereistes:** Moet daarvan hou om met die grond, plante en diere te werk en moet hou van opelugwerk. Moet ondersoekend van gees wees en beskik oor die vermoë om goeie menseverhoudinge te handhaaf  
**Aard van werk:** Die landbouvoorligtingstegnikus samel inligting in om leemtes in boerderybedryfsuitvoering en wanbenutting van hulpbronne te identifiseer. Betrokke by hulpbronnklassifikasie, beplanning van plase

en adviseer produsente oor spesifieke boerderypraktyke. Dielandbouhulpbrontegnikus is gemoed met die klassifisering en kartering van 'n streek se natuurlike hulpbronne

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Landbou: Plantproduksie**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Engels HG (E-simbool)  
**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie en/of Landbouwetenskap  
**Keuring:** Kandidate word gekeur  
**Gelde:** R1960 per semester

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Landbou: Hulpbronnbenutting**  
**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Engels HG (E-simbool)  
**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie en/of Landbouwetenskap  
**Keuring:** Kandidate word gekeur  
**Gelde:** R1790 per semester

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Landbou: Dierproduksie**  
**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Engels HG (E-simbool)  
**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie en/of Landbouwetenskap

**Keuring:** Kandidate word gekeur  
**Gelde:** R1960 per semester

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Landbou: Hulpbron-  
benutting**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie en landbouvakke  
**Keuring:** Akademiese prestasie  
**Gelde:** Eerste semester: R450 - R500 per vak; tweede semester: R450 - R464 per vak; derde semester: R450 - R474 per vak; vierde semester: R450 - R474 per vak; vyfde semester - ervaringsopleiding: R464; vyfde semester - ervaringsopleiding: R474

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Landbou: Diere-  
produksie**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke aanbeveel:** Biologie, Wiskunde, Natuur- en Skeikunde en landbouvakke  
**Keuring:** Akademiese prestasie  
**Gelde:** Eerste semester: R450 - R500 per vak; tweede semester: R450 - R464 per vak; derde semester: R450 - R474 per vak; vierde semester: R450 - R474 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Nelspruit-kampus)  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Landbou: Plantpro-  
duksie**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke aanbeveel:** Biologie, Wiskunde, Natuur- en Skeikunde en landbouvakke  
**Keuring:** Akademiese prestasie  
**Gelde:** Eerste semester: R450 - R500 per vak; tweede semester: R450 - R464 per vak; derde semester: R464 - R474 per vak; vierde semester: R450 - R474 per vak; vyfde semester - ervaringsopleiding: R464; sesde semester - ervaringsopleiding: R474

## LANDBOUBESTUUR

**Beroep(e):** Plaasbestuurder; Boer; Landbouadviseur

**Persoonlike vereistes:** Leierskapeienskappe, goeie menseverhoudinge, bereidheid om nie-roetine werk te doen en vermoë om prioriteite te identifiseer  
**Aard van werk:** Afstudeerdes boer self of werk as adviseurs of kan ook poste beklee as plaasbestuurders of selfs met landbouversekering werk

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Landboubestuur**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Keuring:** Akademiese meriete  
**Nota:** 'n Soortgelyke kursus word ook by Saasveld aangebied  
**Gelde:** R380 - R580 per vak

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Landboubestuur**  
**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R485 per vak p.j. (R280 per vak per semester). Projekte: R140 elk

## **LANDBOUNAVORSING : PLANTKUNDE**

**Beroep(e):** Landbounavorsingstegnikus

**Persoonlike vereistes:** Belangstelling in plante en moet hou van opelugwerk. Moet ondersoekend van gees wees en beskik oor die vermoë om goeie menseverhoudinge te handhaaf

**Aard van werk:** Die werk sluit laboratorium- sowel as veldproewe in en behels die beplanning, uitlê, aanplant versorging en insameling van data by navorsingsfasette soos bv. planteteelt, grondbewerking, beheer van plantsiektes beheer van insekte ens.

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Landbounavorsing (Plantkunde)**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG en 'n D-simbool gemiddeld

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Vakke aanbeveel:** Biologie en een of meer van die volgende vakke: Natuur- en Skeikunde, Wiskunde, Aardrykskunde

**Keuring:** Psigometriese toetse, aanlegtoetse of persoonlike onderhoud

**Gelde:** Eerste semester: R2620; tweede semester: R1740; derde semester: R1310

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Landbounavorsing: Plantkunde**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie en landbouvakke

**Keuring:** Akademiese prestasie

**Gelde:** Eerste semester: R450 - R500 per vak; tweede semester: R450 - R500 per vak;

derde semester: R464 - R474 per vak;

vierde semester: R464 - R474 per vak;

vyfde semester - ervaringsopleiding: R464;

sesde semester - ervaringsopleiding: R474

## **LANDSKAPTEGNOLOGIE**

**Beroep(e):** Landskaptegnoloog

**Persoonlike vereistes:** Estetiese sensitiviteit, kunstig, kreatief, 'n belangstelling in natuurwetenskappe en 'n natuurlieffhebber

**Aard van werk:** Die skep van esteties bevredigende, funksionele en ekologies stabiele landskapruimtes vir gebruik deur die gemeenskap, soos ontspanningsareas, wildreservate, padnetwerke, parkeeruites, ens.

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Landskaptegnologie**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke (slegs HG- of SG-vakke) of 'n Nasionale Sertifikaat Tuinbou

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Vakke aanbeveel:** Biologie

**Keuring:** Psigometriese toets

**Gelde:** Eerste semester: R2335; tweede semester: R1975; derde semester: R1935;

vierde semester: R1580; ervaringsopleiding: R400 per semester



**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Landskaptegnologie**  
**Duur:** 3 jaar voltyds; 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)  
**Vakke vereis:** Kuns of Tegniese Tekene SG. Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)  
**Vakke aanbeveel:** Biologie of Natuur- en Skeikunde  
**Gelde:** Ongeveer R2760 per semester of R645 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma:** **Landskaptegnologie**  
**Duur:** 3 jaar voltyds; 4 semesters formele opleiding en 2 semesters toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie en Landbouwetenskap  
**Keuring:** Toelating aan keuring onderworpe  
**Gelde:** Eerste en sesde semester: R100 per semester vir prakties; tweede semester: R450 per vak; derde en vierde semesters: R450 - R464 per vak; vyfde semester: R450 - R474 per vak

## LUGBESOEDELINGSBEHEER

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Sertifikaat:** **Lugbesoedelings-beheer**  
Korrespondensie-kursus;  
**Duur:** 1 jaar  
**Toetreekwalifikasie:** 'n Kwalifikasie in

Openbare Gesondheid OF 'n ander toepaslike van gelykwaardige kwalifikasie OF 'n Senior Sertifikaat met dokumentêre bewys van minstens 2 jaar toepaslike ondervinding  
**Keuring:** Keuringstoets  
**Nota:** Praktiese sessies is verpligtend  
**Gelde:** R350 per vak

## MAATSKAPPYADMINISTRASIE

**Beroep(e):** Maatskappysekretaris  
**Persoonlike vereistes:** Akkuraatheid, selfmotivering, hardwerkendheid, vermoë om mense te organiseer, te beheer en met mense op alle vlakke te kommunikeer  
**Aard van werk:** Administreer 'n onderneming, hou die nodige dokumentasie, identifiseer, ontleed en los probleme op om nuwe werksomstandighede te implementeer

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Maatskappyadministrasie**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die 2 vakke op LG mag nie die amptelike tale wees nie)  
**Gelde:** R390 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma:** **Maatskappyadministrasie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke aanbeveel:** Rekeningkunde of Wiskunde  
**Keuring:** Keuringstoets  
**Gelde:** Ongeveer R670 per vak p.j. of ongeveer R380 per vak per semester

## MARITIEME STUDIES

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Maritieme Studies

**Duur:** 3 jaar: 18 formele opleiding en 18 maande ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Wiskunde en nog een natuurwetenskapvak. Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Gelde:** R2670 per semester of R620 per vak

## MEGANIESE INGENIEURSE

**Beroep(e):** Meganiese ingenieurstechnikus

**Persoonlike vereistes:** Die vermoë om goeie besluite te neem en om toesig te hou oor mense in die uitvoer van tegniese en administratiewe take

**Aard van werk:** Betrokke by die ontwerp, konstruksie en onderhoud van meganiese apparaat en verantwoordelik vir die toepassing van die regte tegnieke om die ingenieur se ontwerp prakties uit te voer

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Meganiese Ingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG. Wiskunde en Natuur- en Skeikunde SG (D-simbool) of HG (E-simbool) vir Senior Sertifikaat en minstens 60% vir N4

**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma:** Meganiese Ingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke) of N3

**Vakke vereis:** Wiskunde HG, Natuur- en Skeikunde en Engels Eerste Taal (of 'n ander taal) vir Senior Sertifikaat OF Wiskunde, Toegepaste Wetenskap, Engels en Afrikaans (of 'n ander taal) vir die N3-Sertifikaat

**Keuring:** Akademiese prestasie

**Gelde:** R3720 p.j.

**Waar:** Mangosuthu Technikon

Engelsmedium

**Nasionale Diploma:** Meganiese Ingenieurswese

**Rigtings:** Algemeen; Motorvoertuig

**Duur:** 3 jaar: 4 semesters formele opleiding en 2 semesters toepaslike indiensopleiding

**Toetreekwalifikasie:** 'n Slaagpunt in die Pre-Tegniskursus of gelykstaande kwalifikasie

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** R1960 per semester of R505 per vak

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Meganiese Ingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke) of die N3-Sertifikaat plus twee tale op Senior Sertifikaat-vlak

**Vakke vereis:** Eerste Taal, Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool) vir Senior Sertifikaat. 'n Minimum van 50% vir Wiskunde en Toegepaste Wetenskap vir die N3-Sertifikaat  
**Keuring:** Akademiese prestasie  
**Gelde:** R140 - R380 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Duur:** 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (C-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Akademiese prestasie

**Nota:** Voorkeur aan studente met HG slaagpunte in Wiskunde, Natuur- en Skeikunde en Engels Eerste Taal

**Gelde:** R2590 per semester of R600 per vak

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Rigtings:** Pas- en Draaiwerk; Sweis- en Metaalwerk; Motorwerktuigkunde

**Duur:** 3 jaar: 4 semesters formele opleiding en 2 semesters ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n C-simbool gemiddeld of 'n N4-Sertifikaat met minstens vyf toepaslike vakke of die suksesvolle voltooiing van die Potentiality Development Programme

**Vakke vereis:** 'n Slaagpunt in Engels en Natuur- en Skeikunde en minstens 'n C-simbool in Wiskunde, word vir die Senior Sertifikaat vereis. 'n Slaagpunt in Engels en minstens 60% vir Wiskunde, word vir

die N4-Sertifikaat vereis

**Keuring:** 'n Aanlegtoets

**Nota:** Die Potentiality Development Programme is beskikbaar vir studente wie se matrieksimbole nie aan die vereiste standaard voldoen nie. 'n Senior Sertifikaat sonder universiteitstoelating met 'n HG-slaagpunt of 'n E-simbool in Wiskunde en Natuur- en Skeikunde en 'n slaagpunt in Engels, word vir toelating tot die program vereis. 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Duur:** 3 jaar voltyds of deelyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde. Minstens 'n C-simbool vir Funktioniese Wiskunde

**Keuring:** Akademiese prestasie en moontlike persoonlike onderhoud

**Gelde:** R315 per vak per semester; Meganiese Ingenieurswese Praktyk: R160 per vak per semester

**Waar:** Technikon Pretoria; Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)

Afrikaans- en Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Rigtings:** Algemeen; Lugvaartingenieurswese; Motorvoertuigingenieurswese

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG

is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG 40% of Wiskunde SG 60% plus Natuur- en Skeikunde SG 50%

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste en tweede ervaringsonder-rygtydperk: R100 elk; eerste formele klasbywoning: R254 - R470 per vak; tweede bywoning: R398 - R422 per vak; derde bywoning: R406 - R452 per vak; vierde bywoning: R386 - R406 per vak

**Waar:** Technikon SA

Afrikaans- of Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

Korrespondensie

**Duur:** 3 jaar (ervaringsopleiding ingesluit)

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (amptelike tale uitgesluit) of 'n N3-Sertifikaat met minstens 4 vakke (minimum 50%)

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG of SG vir Senior Sertifikaat. Wiskunde N3 en Ingenieurswetenskap N3 plus twee tale HG of SG vir die N3-Sertifikaat

**Bykomende vereistes:** Kandidate moet in 'n ingenieursverwante rigting werksaam wees

**Gelde:** R430 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Duur:** 3 jaar voltyds, ervaringsopleiding ingesluit

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating of 'n N3 Sertifikaat

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (D-simbool) of SG (C-simbool) (vir Senior Sertifikaat). 'n Slaagpunt in die amptelike tale op standerd 10-vlak plus Wiskunde en Ingenieursweten-

skap op N3- en N4-vlak vir die N3 Sertifikaat

**Gelde:** Ongeveer R161 - R310 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Duur:** 3 jaar

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating of N3 met die nodige vereistes

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde (Skei-Nat) HG (E-simbool) of SG (C-simbool). Eerste taal HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Tegniese Tekene en Rekenaarwetenskap

**Keuring:** Persoonlike onderhoud en keuringstoete

**Gelde:** Ongeveer R380 per vak per semester

**Waar:** Transkei Technikon

Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Duur:** 3 jaar voltyds (een semester ervaringsopleiding ingesluit)

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** R3950 p.j.

**Waar:** Vaaldriehoekse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Meganiese Ingenieurswese**

**Duur:** 3 jaar (ervaringsopleiding ingesluit)

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde en albei amptelike tale HG of SG. 'n Minimum van 50% vir N3-Wiskunde en -Ingenieurswetenskap. 'n Ander taal mag Engels of Afrikaans vervang

**Keuring:** Puntestelsel en maandelikse plaasingsproef

**Gelde:** Eerste semester: R2215; tweede semester: R1753; derde en vierde semester: R2088 per semester

## METAALMYNBOU

**Beroep(e):** Mynboutegnikus

**Persoonlike vereistes:** Fisies gesond en fiks, en bereid om ondergronds te werk

**Aard van werk:** Betrokke by die beheer van die produksieafdeling van 'n myn en verantwoordelik vir aspekte soos die mynapparaat, lugreëling, vervoer en verwerking van erts, plofstowwe, ens.

**Waar:** Technikon SA

Afrikaans- of Engelsmedium

**Nasionale Diploma: Metaalmynbou**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van 2 LG-vakke, amptelike tale uitgesluit)

**Vakke vereis:** Wiskunde

**Vakke aanbeveel:** Chemie en Fisika

**Bykomende vereistes:** Student moet op 'n myn of in 'n mynbouverwante beroep werksaam wees

**Gelde:** R430 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Metaalmynbou**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Natuur- en Skeikunde

**Bykomende vereistes:** 'n 'Rooikaart' vir liggaamlike gesondheid van die Mediese Buro sal vereis word vir indiensneming in die mynbedryf

**Keuring:** Akademiese prestasie en persoonlike onderhoude

**Nota:** Voornemende studente kan die bedryf nader vir tydelike betrekkinge om sodoende die nodige ervaringsopleiding te

verkry. 'n Oorbruggingskursus kan gevolg word deur kandidate wat nie aan die minimum toelatingsvereistes voldoen nie  
**Gelde:** Ongeveer R480 per vak

## METALLURGIESE INGENIEURSWESE

**Beroep(e):** Metallurgiese ingenieurstechnikus

**Persoonlike vereistes:** 'n Belangstelling in die aanwending van natuurwetenskaplike vaardighede in die oplos van probleme

**Aard van werk:** Doen navorsing t.o.v. nuwe prosesse om beter metale te lewer, is behulpsaam met toesighouding in die produksieprosesse en bespreek tegniese sake met kliënte

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Metallurgiese Ingenieurswese**

**Duur:** 3 jaar voltyds: 18 maande formele opleiding en 18 maande ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke) of die N3-Sertifikaat met twee tale op Senior Sertifikaatvlak

**Vakke vereis:** Eerste Taal, Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (S-simbool) vir Senior Sertifikaat. Minstens 50% vir Wiskunde en Toegepaste Wetenskap vir die N3-Sertifikaat

**Keuring:** Akademiese prestasie

**Gelde:** R190 - R530 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Metallurgiese Ingenieurswese**

**Duur:** 3 jaar voltyds: 18 maande formele opleiding en 18 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde

**Vakke aanbeveel:** Nog 'n natuurwetenskapvak

**Keuring:** Toelating is aan keuring onderworpe

**Gelde:** Eerste semester R412 - R544 per vak; tweede semester: R224 - R564 per vak; derde semester: R474 - R728 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Metallurgiese Ingenieurswese**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (D-simbool) of SG (C-simbool)

**Bykomende vereistes:** 'n 'Rooi kaart' vir fiksheid van die Mediese Buro vir indiensneming in die mynindustrie

**Keuring:** Akademiese prestasie en persoonlike onderhoude

**Nota:** Voornemende studente kan die industrie nader vir tydelike betrekking gedurende hulle studies om sodoende genoeg ervaringsopleiding te kry. 'n Oorbruggingskursus kan gevolg word deur persone wat nie aan die minimum toelatingsvereistes voldoen nie

**Gelde:** Ongeveer R380 per vak per semester

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Metallurgiese Ingenieurswese**

**Rigtings:** Fisiese Metallurgie; Ekstrasietmetallurgie

**Duur:** 3 jaar (ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG of op N3-vlak

**Vakke vereis:** Senior Sertifikaat: Wiskunde, Natuur- en Skeikunde en albei amptelike tale HG of SG. N3: Wiskunde en Ingenieurswetenskap minstens 50% en

Afrikaans en Engels op N3-vlak. Afrikaans of Engels mag deur 'n ander taal vervang word

**Keuring:** Puntestelsel en moontlike plasingstoets

**Gelde:** Eerste semester: R2617; tweede semester: R2313; derde semester: R2088

## **MODEONTWERP EN -TEGNOLOGIE**

**Beroep(e):** Klereontwerper; Modeontwerper

**Persoonlike vereistes:** Kunstig, 'n lewendige belangstelling in die mode, goeie smaak, die vermoë om idees in die praktyk toe te pas en d.m.v. die tekenmedium, idees oor te dra

**Aard van werk:** Skep 'n oorspronklike kledingstuk vir 'n spesifieke doel om of persoonlike smaak te bevredig of om 'n wêreldwye kleinhandelafsetgebied soos boetieks of kettingwinkels te bedien

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Modeontwerp en tegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG. Geen funksionele vakke word aanvaar nie

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Keuring:** Portefeulje van geskrewe en praktiese werk. 'n Taalvaardigheidstoets moet geslaag word indien die kandidaat nie aan die taalvereistes voldoen nie

**Gelde:** Eerste jaar: R3970 en tweede jaar: R4070

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma: Modeontwerp en Tegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat

sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Both official languages HG or SG  
**Keuring:** Aanlegtoets en persoonlike onderhoud  
**Gelde:** R2960 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Modeontwerp en Tegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Wiskunde en Naaldwerk  
**Keuring:** Moontlike onderhoud en voorlegging van portefeulje van werk  
**Nota:** Kuns as skoolvak is nie 'n vereiste nie  
**Gelde:** R450 - R550 per vak

**Waar:** Setlogelo Technikon  
Engelsmedium  
**Nasionale Diploma: Modeontwerp en -tegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E gemiddeld) en suksesvolle voltooiing van die Pre-tegniekuskursus  
**Vakke vereis:** 'n Slaagpunt in albei amptelike tale  
**Keuring:** Evaluering van die Pre-tegniekuskursus  
**Gelde:** R175 per vak per semester. Klere- en kunsgelede: Eerste jaar R1200; tweede jaar R1400; derde jaar R1500

**Waar:** Setlogelo Technikon  
Engelsmedium  
**Pre-tegniekuskursus: Modeontwerp en -tegnologie**  
**Duur:** 1 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld).  
**Vakke aanbeveel:** Naaldwerk en kuns  
**Keuring:** Aanlegtoets  
**Nota:** Na voltooiing van die Pre-tegniekuskursus word studente vir die Diploma in Modeontwerp en -tegnologie gekeur. Keuring is in die vorm van 'n evaluasie  
**Gelde:** R175 per vak per semester. Klere- en kunsgelede: R1000

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Modeontwerp en -Tegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)  
**Keuring:** Portefeulje van kreatiewe werk en 'n persoonlike onderhoud  
**Gelde:** R5080 p.j. (R1205 per vak)

**Waar:** Technikon Pretoria; Pretoria Technikon (Kwamhlanga-kampus)  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Modeontwerp en -Tegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Keuring:** 'n Vraelys, 'n ontwerp- en tekentoeets en 'n persoonlike onderhoud  
**Gelde:** Eerste jaar: R474 - R1274 per vak; tweede jaar: R474 - R488 per vak; derde jaar: R474 - R502 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Modeontwerp en Tegnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Afrikaans en Engels (een van die twee vakke moet op HG wees)  
**Keuring:** Toelatingseksamen, persoonlike onderhoud en vraelys  
**Gelde:** Ongeveer R161 - R368 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Modeontwerp en -Tegnologie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke aanbeveel:** Kuns en een van die volgende: Rekeningkunde, Bedryfs- ekonomie, Wiskunde  
**Keuring:** Toelatingseksamen  
**Gelde:** Ongeveer R480 per vak

**Waar:** Transkei Technikon  
Engelsmedium  
**Nasionale Diploma: Kledingontwerp**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Keuring:** Kandidate word gekeur  
**Gelde:** R3950 p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Modeontwerp en -tegnologie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG of op N3-vlak  
**Vakke vereis:** Albei amptelike tale HG of SG  
**Keuring:** Puntestelsel en moontlike plasingstoets  
**Gelde:** Eerste jaar: R3980; tweede jaar:

R4155; derde jaar: R3794

## **MUNISIPALE ADMINI-STRASIE**

**Beroep(e):** Administratiewe beampte; Personeelbeampte; Finansiële beampte  
**Persoonlike vereistes:** Akkuraat, selfgemotiveerd, hardwerkend en geniet dit om mense te organiseer en met mense op alle vlakke te kommunikeer  
**Aard van werk:** Is verantwoordelik vir die vlot verloop van daaglikse noodsaaklikhede. Lopende water, paaie, biblioteke, parke en sportvelde is die munisipaliteit se verantwoordelikheid. Munisipale administrasie is verantwoordelik vir die versameling, toekenning en beheer van geld om hierdie fasiliteite moontlik te maak

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Munisipale Administrasie**  
**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit). Dit mag verleng word na 4 jaar vir minderbevoorregte studente  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld  
**Vakke vereis:** Eerste en Tweede Taal HG  
**Vakke aanbeveel:** Wiskunde en Rekeningkunde  
**Keuring:** Psigometriese, aanleg- of taalvaardigheidstoets  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Munisipale Administrasie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 5 vakke op HG of SG  
**Vakke vereis:** Engels HG (E-simbool)  
**Keuring:** Toelating aan keuring onderworpe



**Gelde:** Eerste en tweede semester R1415 per semester of R470 per vak; derde semester: R1480 of R530 per vak

**Waar:** Port Elizabethse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Munisipale Administrasie**  
**Duur:** 3 jaar deelyds of voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of HG-vakke)  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Keuring:** Akademiese prestasie  
**Gelde:** R580 - R680 per vak

**Waar:** Technikon Noord-Transvaal  
Engelsmedium  
**Nasionale Diploma in Munisipale Administrasie**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)  
**Vakke vereis:** Engels HG (E-simbool) of SG (D-simbool)  
**Keuring:** Akademiese prestasie  
**Nota:** 1992-inligting  
**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Munisipale Administrasie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie  
**Vakke aanbeveel:** Rekeningkunde (slegs vir die finansiële rigting)  
**Keuring:** Akademiese prestasie  
**Nota:** Voltydse studente is verplig om sekere vakke tydens aandlesings by te woon

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Munisipale Administrasie**  
**Duur:** 3 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Keuring:** Toelating aan keuring onderworpe  
**Gelde:** Eerste jaar: R484 - R666 per vak; tweede jaar: R642 - R722 per vak; derde jaar: R660 - R758 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Munisipale Administrasie**  
Korrespondensie-kursus;  
**Duur:** 3 jaar (een week prakties per jaar vir Werkstudie as hoofvak)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)  
**Bykomende vereistes:** Indien Werkstudie as 'n tweede hoofvak gekies word moet die kandidaat toegang hê tot of werksaam wees in 'n werkstudie-omgewing  
**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Munisipale Administrasie**  
**Duur:** 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n D-simbool gemiddeld vir die voltydse kursus)  
**Vakke vereis:** Finansiële Rekeningkunde op matriekvlak en 'n D-simbool gemiddeld vir enige twee amptelike tale word vir die voltydse kursus vereis  
**Keuring:** 'n Persoonlike onderhoud vir

kandidate wat die voltydse kursus wil volg  
**Gelde:** Ongeveer R113 - R500 per vak

## MUSEUMTEGNOLOGIE

**Beroep(e):** Kurator; Bewaringsbeampte; Versamelingsbestuurder; Museumassistent; Uitstallingsbeampte

**Persoonlike vereistes:** Kreatief, toegewyd, taalvaardig, 'n wetenskaplike ingesteldheid en vaardig met administratiewe sake

**Aard van werk:** Versamel, restoureer, versorg en bewaar artikels uit die kultuurgeskiedenis en uit die natuur, bied opvoedkundige programme aan, doen opgrawings en navorsing en publiseer inligting

**Waar:** Technikon SA

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Museumtegnologie  
Korrespondensie

**Duur:** 3 jaar (ervaringsopleiding ingesluit)

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (amptelike tale uitgesluit)

**Bykomende vereistes:** Applikant moet skriftelike bewys lewer dat hy/sy 'n voltydse, deelydse of kontrakwerker by 'n goedgekeurde museum of 'n verwante goedgekeurde instansie is  
**Gelde:** R430 per vak

## MUSIEK: LIGTE MUSIEK

**Beroep(e):** Musikant; Musiekprogramopsteller

**Persoonlike vereistes:** Musiektalent

**Aard van werk:** Bespeel 'n musiekinstrument as 'n solis of as lid van 'n musiekgroep of organiseer musiekprogramme

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Ligte Musiek

**Duur:** 3 jaar voltyds of deelydse

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n

vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** 'n Oudisie en 'n persoonlike onderhoud

**Gelde:** Voltyds: R2740 per semester of R640 per vak; deelydse R340 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Ligte Musiek

**Duur:** 3 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Keuring:** 'n Oudisie

**Gelde:** Eerste jaar: R206 - R320 per vak; tweede jaar: R212 - R330 per vak; derde jaar: R216 - R340 per vak

## MUSIEKTEATER

**Beroep(e):** Teaterdanser; Sanger; Toneelspeler

**Persoonlike vereistes:** Goeie musiekagtergrond en 'n natuurlike aanleg vir toneelspel

**Aard van werk:** Vermaak mense d.m.v. die media soos die teater, film, radio en televisie

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Musiekteater

**Duur:** 3 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Bykomende vereistes:** 'n Aanleg vir sang, toneelspel en dans

**Keuring:** 'n Oudisie

**Gelde:** Eerste jaar: R258 - R1540 per vak; tweede jaar: R258 - R1584 per vak; derde jaar: R272 - R1628 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Hoër Sertifikaat: Musiekteater**  
**Duur:** 2 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Bykomende vereistes:** 'n Aanleg vir sang, toneelspel en dans  
**Keuring:** 'n Oudisie  
**Gelde:** Eerste jaar: R258 - R1540 per vak; tweede jaar: R258 - R1584 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Sertifikaat: Musiekteater**  
**Duur:** 1 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Bykomende vereistes:** 'n Aanleg vir sang, toneelspel en dans  
**Keuring:** 'n Oudisie  
**Gelde:** R258 - R1540 per vak

## **MYNOPMETING**

**Beroep(e):** Mynopmetingstegnikus  
**Persoonlike vereistes:** Fisies fiks, geniet praktiese en fisiese aktiwiteite, goeie kommunikasievaardighede en vermoë om onder druk te werk  
**Aard van werk:** Beplan die rigting en omvang van ondergrondse aktiwiteite met behulp van gevorderde opmetingstegnieke en -apparaat

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Mynopmeting**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitge-

sluit)  
**Vakke vereis:** Wiskunde  
**Bykomende vereistes:** Student moet op 'n myn of in 'n mynbouverwante beroep werksaam wees  
**Gelde:** R430 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Mynopmeting**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Wiskunde HG (D-simbool) of SG (C-simbool)  
**Vakke aanbeveel:** Tegnieke Tekene en Natuur- en Skeikunde  
**Bykomende vereistes:** 'Rooikaart' vir liggaamlike geskiktheid van die Mediese Buro vir indiensneming in die mynindustrie  
**Keuring:** Meriete en persoonlike onderhoude  
**Nota:** 'n Oorbruggingskursus word aangebied vir kandidate wat nie aan die minimum toelatingsvereistes voldoen nie. Voor-nemende studente kan vir tydelike betrekings by die industrie aansoek doen om sodoende genoegsame ervaringsopleiding te verkry  
**Gelde:** Ongeveer R480 per vak

## **NATUURBEWARING**

**Beroep(e):** Natuurbewaarder  
**Persoonlike vereistes:** 'n Natuurliefhebber wat wetenskaplik ingestel, fisies fiks, oplettend en toegewyd is  
**Aard van werk:** Verantwoordelik vir die bewaring en bestuur van natuurlike ekosisteme, habitat en gemeenskappe en verseker die handhawing van die natuurlike verskeidenheid van lewe. Pligte behels omheining, onderhoud van geboue en apparaat, uitdunning van diere en die vervolging van oortreders

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Natuurbewaring**  
**Duur:** 3 jaar: 2 jaar formele opleiding en

1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke en 'n D-simbool gemiddeld (slegs HG- of SG-vakke)

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Vakke aanbeveel:** Biologie

**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud

**Nota:** Kandidate moet 'n motivering vir die keuse van beroep by die aansoekvorm insluit, asook bewyse van toepaslike werkserfaring, fisiese gebreke of leerprobleme

**Gelde:** Eerste semester R1825; tweede en derde semesters R1800; vierde semester R1860; ervaringsopleiding R125 per semester

**Waar:** Mangosuthu Technikon

Engelsmedium

**Nasionale Diploma:** Natuurbewaring

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 'n E-simbool gemiddeld en minstens 5 vakke op HG of SG

**Vakke vereis:** Engels HG (E-simbool) en 'n slaagpunt in Biologie HG

**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde of Aardrykskunde

**Keuring:** Toelating aan keuring onderworpe

**Nota:** Die voltooide aansoekvorm moet vergesel wees van 'n Curriculum Vitae met inligting oor die belangstellings, stokperdjies en veldervarings van die kandidaat, sowel as verwysings vir geskiktheid vir die kursus

**Gelde:** R1960 per semester of R650 per vak

**Waar:** Port Elizabeth Technikon

Engels- of Afrikaansmedium

**Nasionale Diploma:** Natuurbewaring

**Duur:** 3 jaar: 2 jaar formele opleiding en

1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG of SG vakke)

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Wiskunde en Biologie

**Bykomende vereistes:** Liggaamlike gesondheid en fiksheid

**Keuring:** Vermoë om die kursus suksesvol te voltooi

**Nota:** Opleiding by die Saasveldse Skool vir Bosbou, naby George

**Gelde:** R360 - R560 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Natuurbewaring

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde, Biologie en Landbouwetenskap

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste semester: R450 per vak; tweede semester: R450 - R464 per vak; derde en vierde semesters: R450 - R474 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Natuurbewaring

Korrespondensie-kursus;

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (die amptelike tale mag nie op LG wees nie)

**Vakke vereis:** Biologie (behalwe vir werknemers van natuurbewaringsinstansies)

**Gelde:** R430 per vak

## **NIE-VERNIETIGENDE TOETSING**

**Beroep(e):** Tegnikus (Nie-vernietigende toetsing)

**Persoonlike vereistes:** Verantwoordelik, deurstellingsvermoë en vermoë om onafhanklik te werk

**Aard van werk:** Voer toetse op reeds vervaardigde produkte uit om te bepaal of foute binne spesifikasies bestaan en om te verseker dat produkte geskik is vir gebruik

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Nie-vernietigende Toetsing

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG or SG

**Vakke vereis:** Albei amptelike tale op HG of SG. Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)

**Keuring:** Puntstelsel en moontlike pla-sings-toets

**Gelde:** Eerste semester: R2215; tweede semester: R2088; derde semester: R2050

## **OMGEWINGSGESONDHEID**

**Beroep(e):** Omgewingsgesondheidsbeampte

**Persoonlike vereistes:** Vermoë om taktvol en diplomaties met mense op alle vlakke te kommunikeer en goeie menseverhoudinge te handhaaf

**Aard van werk:** Behels aspekte soos gesondheidsvoorligting aan die publiek, identifisering en beheer van omgewingsbesoedeling en die toepassing van gesondheidswetgewing in alle gevalle wat die mens en sy omgewing raak

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Omgewingsgesondheid

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG en 'n D-simbool gemiddeld

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG. Een of meer van die volgende vakke word ook vereis: Biologie, Wiskunde, Fisiologie, Natuur- en Skeikunde, Aardrykskunde

**Keuring:** Psigometriese toetse, aanlegtoetse of persoonlike onderhoud

**Gelde:** Eerste en tweede jaar: R3550 p.j.; derde jaar: R3600

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Omgewingsgesondheid

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Wiskunde

**Vakke aanbeveel:** Biologie, Aardrykskunde of Natuur- en Skeikunde

**Keuring:** Meriete

**Gelde:** R3720 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma:** Omgewingsgesondheid

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels, Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool) (Kandidate met Biologie, Fisiologie of Aardrykskunde in die plek van Wiskunde of Natuur- en Skeikunde mag moontlik oorweeg word)

**Keuring:** Kandidate word gekeur

**Gelde:** R2120 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Omgewingsgesondheid

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) en goeie punte in Natuur- en Skeikunde, Wiskunde en Biologie

**Keuring:** Akademiese prestasie

**Gelde:** R845 per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Omgewingsgesondheid**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) plus twee van die volgende vakke: Wiskunde, Natuur- en Skeikunde, Fisiologie, Biologie, Aardrykskunde HG (E-simbool) of SG (D-simbool)

**Keuring:** Puntestelsel

**Gelde:** Eerste en tweede jaar: R4680 p.j. (R1105 per vak); derde jaar: R4980 (R1180 per vak)

**Waar:** Technikon Noord-Transvaal

Engelsmedium

**Nasionale Diploma: Omgewingsgesondheid**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)

**Vakke vereis:** Engels, Biologie, Natuur- en Skeikunde of Wiskunde (almal op HG)

**Vakke aanbeveel:** Aardrykskunde of Landbou

**Keuring:** Aanlegtoetse

**Nota:** 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Omgewingsgesondheid**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Twee van die volgende vakke SG of HG (D-simbool): Biologie, Natuur- en Skeikunde, Wiskunde, Aardrykskunde

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R550 per vak

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Omgewingsgesondheid**

**Duur:** 3 jaar: 2 jaar en 9 maande formele opleiding en 3 maande koöperatiewe opleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Natuur- en Skeikunde en Wiskunde

**Keuring:** Persoonlike onderhoud en psigometriese toets

**Nota:** Verpligte registrasie by die SA Mediese en Tandheekkundige Raad

**Gelde:** Eerste jaar: R490 - R566 per vak; tweede jaar: 5 vakke @ R542 per vak; derde jaar: 5 vakke @ R556 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Omgewingsgesondheid**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Voorkeur word verleen aan studente met Wiskunde en/of Natuur- en Skeikunde. Vakke soos Biologie en Aardrykskunde word ook ernstig oorweeg  
**Keuring:** Akademiese prestasie  
**Gelde:** Ongeveer R423 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Omgewingsgesondheid**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Ten minste twee van die volgende vakke HG (D-simbool) of SG (C-simbool): Biologie, Natuur- en Skeikunde, Wiskunde, Aardrykskunde  
**Vakke aanbeveel:** Biologie, Natuur- en Skeikunde, Wiskunde, Aardrykskunde  
**Keuring:** Keuringstoetse en persoonlike onderhoud  
**Gelde:** R630 per vak p.j.

## **ONDERWYS: EKONOMIESE WETENSKAPPE**

**Beroep(e):** Onderwyser  
**Persoonlike vereistes:** 'n Onderwyser moet kinders verstaan en dit geniet om met hulle te werk. Goeie kommunikasievermoëns, regverdigheid, volwassenheid, taktvolheid, verantwoordelikheid, dissipline en geduld is belangrik  
**Aard van werk:** Die Onderwyser is daarvoor verantwoordelik om leerlinge met kennis, kulturele waardes en vaardighede toe te rus

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Hoër Onderwysdiploma: Ekonomiese Wetenskappe**  
**Onderwys:** Ekonomiese Wetenskappe  
**Duur:** 4 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG (E-simbool gemiddeld)

**Vakke vereis:** Eerste Taal HG (D-simbool) en 'n slaagpunt in nog een hoërgraadvak (behalwe 'n taal)  
**Nota:** Opleiding word aangebied in samewerking met die Universiteit van Natal

## **ONDERWYS: HANDEL**

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Hoër Onderwysdiploma: Handel**  
**Duur:** 4 jaar voltyds: 3 jaar by die Technikon en 1 jaar by die Universiteit van Stellenbosch  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG met 'n groot totaal van minstens 950 punte  
**Vakke vereis:** Engels en Afrikaans HG plus 'n addisionele vak op HG  
**Keuring:** Psigometriese toetse, aanletoetse of 'n persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon Suidereiland  
Afrikaans- of Engelsmedium  
**Hoër Onderwysdiploma: Handel**  
**Duur:** 4 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** 'n Slaagpunt in een taal as Eerste Taal HG en een amptelike taal (Engels of Afrikaans) as Tweede Taal HG plus nog 'n vak op HG (40%). Indien 'n student Wiskunde of Inligtingstelsels wil neem, word Wiskunde HG (E-simbool) of SG (D-simbool) ook vereis  
**Vakke aanbeveel:** Handelsvakke  
**Keuring:** Akademiese prestasie  
**Gelde:** Ongeveer R218 - R432 per vak

## **ONDERWYS: HANDELS-ONDERWYS**

**Waar:** Kaapse Technikon  
Afrikaans of Engelsmedium  
**Nasionale Diploma: Handelonderwys**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG

**Vakke vereis:** Afrikaans en Engels. Indien Wiskunde gekies word, word Wiskunde HG (E-simbool) of SG (D-simbool) vereis  
**Keuring:** Kan psigometriese en aanleg-evaluering, 'n persoonlike onderhoud, ens. insluit

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Handelonderwys**

**Duur:** 3 jaar voltyds (10 weke ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie OF N3 met vier vakke asook twee tale op Senior Sertifikaatvlak

**Vakke vereis:** Indien 'n student Wiskunde of Inligtingstelsels wil neem, word Wiskunde HG (E-simbool) of SG (D-simbool) vereis

**Keuring:** Akademiese prestasie

**Gelde:** R75 - R485 per vak

## **ONDERWYS: HUISHOUDKUNDE**

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Hoër Onderwysdiploma: Huishoudkunde**

**Duur:** 4 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n slaagpunt in 6 vakke op HG of SG (E-simbool gemiddeld)

**Vakke vereis:** Eerste Taal HG (D-simbool) en 'n slaagpunt in nog een hoërgraadvak (behalwe 'n taal)

**Nota:** Opleiding word aangebied in samewerking met die Universiteit van Natal

## **ONDERWYS: KUNS**

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Hoër Onderwysdiploma: Kuns**

**Duur:** 4 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG (E-simbool gemiddeld)

**Vakke vereis:** Eerste Taal HG (D-simbool) en 'n slaagpunt in nog een hoërgraadvak (behalwe 'n taal)

**Vakke aanbeveel:** Kuns

**Nota:** Opleiding word aangebied in samewerking met die Universiteit van Natal

## **ONDERWYS: TECHNIKA**

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Hoër Onderwysdiploma: Technika**

**Rigtings:** Elektries en Tegniese Tekene; Elektronika en Tegniese Tekene; Meganiese en Tegniese Tekene

**Duur:** 4 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG (E-simbool gemiddeld)

**Vakke vereis:** Eerste Taal HG (D-simbool) en 'n slaagpunt in nog een hoërgraadvak (behalwe 'n taal)

**Nota:** Opleiding word aangebied in samewerking met die Universiteit van Natal

## **ONDERWYS: TEGNIES**

**Waar:** Technikon Noord-Transvaal

Engelsmedium

**Nasionale Diploma: Tegniese Onderwys**

**Rigtings:** Elektriese Ingenieurswese; Meganiese Ingenieurswese; Siviele Ingenieurswese

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating of N3

**Vakke vereis:** Senior Sertifikaat: Wiskunde en Natuur- en Skeikunde. N3: Wis-



kunde en Ingenieurswetenskap en nog twee ander vakke plus twee tale op Senior Sertifikaatvlak

**Keuring:** Psigometriese toetse

**Nota:** 1993-inligting

**Gelde:** 1994: R1472 per semester

**Waar:** Transkei Technikon  
Engelsmedium

**Nasionale Diploma: Tegniese Onderwys**

**Rigtings:** Siviël; Meganies; Elektries

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels en Wiskunde

**Keuring:** Kandidate word gekeur

**Gelde:** R3950 p.j.

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Tegniese Onderwys**

**Duur:** 3 jaar voltyds (10 weke ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie OF N3 met vier vakke asook twee tale op Senior Sertifikaatvlak

**Vakke vereis:** Senior Sertifikaat: Wiskunde en Natuur- en Skeikunde (ver kieslik op HG). N3: Wiskunde en Ingenieurswetenskap

**Keuring:** Akademiese prestasie

**Gelde:** R75 - R315 per vak

## **OPENBARE BESTUUR EN ADMINISTRASIE**

**Beroep(e):** Administratiewe beampte;  
Openbare bestuurder

**Persoonlike vereistes:** Georganiseerd, selfgemotiveerd, mensgeoriënteerd, hard-

werkend, vermoë om vertroulikheid te handhaaf en besluite te implementeer

**Aard van werk:** Openbare en finansiële administrasie en bestuur, die bestuur van mannekrag en skakeling met die publiek. Die kursus berei die student voor vir werkgeleenthede in die staatsdiens, plaaslike rade, munisipaliteite, bestuurskomitees, parastatale instellings, administrasie en finansiële bestuur in die privaat sektor, mannekragbestuur in die publieke en privaat sektor

**Waar:** Border Technikon  
Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels SG (E-simbool) en minstens twee jaar ondervinding in die staatsdiens

**Keuring:** Akademiese prestasie

**Gelde:** 1993: Eerste en tweede jaar: R1245 p.j.; derde jaar en vierde jaar: R1300 p.j.

**Waar:** Kaapse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 3 jaar voltyds wat ervaringsonderrig insluit of 4 jaar vir studente uit 'n ontnemende milieu wat bykomende onderrig benodig of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (LG-vakke is onaanvaarbaar)

**Vakke vereis:** Twee tale op HG, waarvan een 'n amptelike taal moet wees

**Vakke aanbeveel:** Rekeningkunde of Wiskunde

**Keuring:** Psigometriese toetsing, aanlegtoetse of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op die HG en/of SG

**Vakke vereis:** Engels HG (D-simbool) of Engels SG (C-simbool) plus 'n ander taal  
**Gelde:** R2475 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 3 jaar voltyds: 18 maande formele opleiding en 18 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels HG (minimum E-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** Eerste en tweede jaar: R1415 per semester en derde jaar: R1480 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 4 jaar deelyds of 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (vakke wat op LG geslaag is, is onaanvaarbaar) of NTS III

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) - SG (E-simbool) mits dit 'n omgesette HG-punt is

**Keuring:** Akademiese meriete

**Gelde:** R580 - R650 per vak

**Waar:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho-kampus)  
Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 3 jaar voltyds of deelyds

**Toetreekwalifikasie:** Senior Sertifikaat

sonder universiteitstoelating (E-gemiddeld)

**Vakke vereis:** Engels (E-simbool)

**Keuring:** Punteskalaal

**Gelde:** R175 per vak per semester

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier HG- en/of SG-vakke, amp telike tale ingesluit ('n LG-vak is slegs aanvaarbaar indien dit nie in die onder-rigprogram vereis word nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Gelde:** R655 per vak

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Openbare Administrasie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 'n E-simbool gemiddeld

**Vakke vereis:** Engels HG (E-simbool) of SG (D-simbool)

**Keuring:** Akademiese prestasie

**Nota:** Van die student mag verwag word om 'n oorbruggingskursus (Potentiality Development Programme) van 6 maande te volg. 1992-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Openbare Bestuur en Administrasie**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 5 vakke op HG en/of SG ('n LG-vak is slegs toe-

laatbaar indien dit nie in die onderrig-program vereis word nie en/of nie 'n Eerste of Tweede Taal is nie)  
**Vakke vereis:** Eerste en Tweede Taal  
**Keuring:** Akademiese prestasie; aanleg-toets en persoonlikheidseienskappe  
**Gelde:** R420 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Openbare Bestuur en Administrasie**  
**Duur:** 3 jaar voltyds of deelyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)  
**Vakke aanbeveel:** Bedryfsekonomie  
**Keuring:** Akademiese prestasie en 'n rekenaargebaseerde taaltoets  
**Gelde:** Eerste jaar: R484 - R762 per vak; tweede jaar: R662 - R860 per vak en derde jaar: R660 - R928 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Openbare Bestuur en Administrasie**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)  
**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Openbare Bestuur en Administrasie**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Een Eerste Taal HG (dit hoef nie Afrikaans of Engels te wees nie) en een amptelike taal (Engels of Afrikaans) as Tweede Taal HG. Voorkeur word aan

kandidate met D-simbole in enige twee tale verleen  
**Gelde:** Ongeveer R500 per vak

**Waar:** Transkei Technikon  
Engelsmedium  
**Nasionale Diploma: Openbare Bestuur en Administrasie**  
**Duur:** 3 jaar deelyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Bykomende vereistes:** Voltyds in 'n pos wat toepaslik is t.o.v. die kursus  
**Keuring:** Akademiese meriete

## OPERA

**Beroep(e):** Operasanger  
**Persoonlike vereistes:** 'n Buitengewone stem, 'n goeie musiekagtergrond, dissipline en stamina  
**Aard van werk:** Gee uitdrukking aan emosies as solis, lid van 'n koor of as 'n konsertsanger

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Uitvoerende Kuns: Opera**  
**Duur:** 3 jaar voltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)  
**Keuring:** Akademiese prestasie en 'n oudisie (die eerste studiejaar word beskou as 'n volgende fase in die keuringsproses)  
**Gelde:** Eerste jaar: R258 - R2180 per vak; tweede jaar: R264 - R2376 per vak en derde jaar: R272 - R2848 per vak

## OPMETING

**Beroep(e):** Opmetingstegnikus  
**Persoonlike vereistes:** Moet daarvan hou om buite te werk, te reis, gevorderde tegnologie te gebruik en goeie menseverhoudinge te handhaaf

**Aard van werk:** Versamel relevante data en verwerk dit tot inligting op 'n plan. Geodetiese positionering behels die bepaling van koördinate om onder andere die vorm van die aarde vas te stel; kadastrale opmeting het te doen met die opmeet van eiendom; hidrografie behels die kartering van die seebodem; mynopmeting behels ondergrondse opmetings; topografiese opmeting behels die fisiese eienskappe bo-op die grond en ingenieursopmeting behels die uitlê van paaie, snelweë, bruë e.d.m.

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** 3 jaar voltyds: 18 maande formele opleiding en 18 maande toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (ses vakke op HG en/of SG)  
**Vakke vereis:** Eerste Taal HG en Tweede Taal SG; Wiskunde SG (D-simbool) of HG (E-simbool) of N4-Wiskunde minstens 50% (Funksionele Wiskunde is nie aanvaarbaar nie)  
**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** 4 semesters voltyds en 2 semesters indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG  
**Vakke vereis:** Engels (Eerste Taal), Afrikaans of 'n ander taal en Wiskunde  
**Vakke aanbeveel:** Natuur- en Skeikunde en/of Tegniese Tekene  
**Keuring:** Akademiese meriete  
**Gelde:** R3720 per jaar of R1860 per semester

**Waar:** Mangosuthu Technikon

Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** 4 semesters formele opleiding en 2 semesters toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Engels, Wiskunde en 'n wetenskapvak  
**Keuring:** Akademiese prestasie  
**Gelde:** R1960 per semester

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op HG en/of SG, amptelike tale ingesluit (vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie) of die N3 Sertifikaat met 4 vakke plus die amptelike tale  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) en Wiskunde HG (E-simbool) of SG (D-simbool)  
**Keuring:** Akademiese meriete  
**Gelde:** R2630 per semester of R610 per vak

**Waar:** Technikon Noord-Transvaal  
Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** 6 semesters: 4 semesters voltyds by die Technikon en 2 semesters ervaringsopleiding by 'n goedgekeurde werkgewer  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (C-simbool gemiddeld) of N4 met 5 toepaslike vakke of suksesvolle voltooiing van die Potentiality Development Programme  
**Vakke vereis:** Senior Sertifikaat: Wiskunde (C-simbool), Natuur- en Skeikunde en Engels. N4: Wiskunde (60%) en 'n slaagpunt in Engels  
**Keuring:** Aanlegtoetse

**Nota:** Die Potentiality Development Programme is beskikbaar vir studente wie se matrieksimbole nie aan die vereiste standaard voldoen nie. 'n Senior Sertifikaat sonder universiteitstoelating met 'n HG-slaagpunt of 'n E-simbool in Wiskunde en Natuur- en Skeikunde en 'n slaagpunt in Engels, word vir toelating tot die program vereis. 1993-inligting  
**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** Vier semesters teoretiese opleiding en twee semesters goedgekeurde ervarings-onderrig  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)  
**Vakke vereis:** Wiskunde HG (E-simbool) of SG (C-simbool) en Natuur- en Skeikunde HG (E-simbool) of SG (C-simbool)  
**Keuring:** Akademie se prestasie en toepaslike vakke  
**Nota:** Studente is verplig om by die SA Raad vir Professionele Landmeters en Tegniese Opmeters as tegnikus-in-opleiding te registreer  
**Gelde:** R224 - R506 per vak per semester

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** 3 jaar: 2 jaar formele opleiding en een jaar indiensopleiding by 'n goedgekeurde siviele ingenieurskonsultant, kontrakteur of landmeter. Landmeetkunde: 1 jaar formele opleiding en 1 jaar ervaringsopleiding. Die derde jaar sal aangebied word as die behoefte daarvoor ontstaan  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating of N3-Sertifikaat  
**Vakke vereis:** Senior Sertifikaat: Wiskunde; N3-Sertifikaat: Een taal (dit hoef nie Afrikaans of Engels te wees nie) as

Eerste Taal SG en een amptelike taal as Tweede Taal SG  
**Gelde:** Ongeveer R161 per vak p.j.

**Waar:** Technikon Witwatersrand  
Engelsmedium  
**Nasionale Diploma: Opmeting**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Natuur- en Skeikunde en die Eerste Taal (HG: D-simbool in die een en HG: E-simbool in die ander), Tweede Taal SG (D-simbool) en Wiskunde HG (D-simbool)  
**Vakke aanbeveel:** Rekenaarwetenskap en Aardrykskunde  
**Keuring:** Keuringstoets en 'n persoonlike onderhoud, indien nodig  
**Gelde:** 6 vakke @ ongeveer R760 elk p.j. of R380 elk per semester

## OPPERVLAKMYNBOU

**Beroep(e):** Mynboutegnikus  
**Persoonlike vereistes:** Fisies fiks, aanpasbaar by veranderde omstandighede, verantwoordelik en samewerkend  
**Aard van werk:** Ondersoek dikwels mineeraalneeslae saam met geoloë. Neem verantwoordelikheid t.o.v. aspekte soos myn-toerusting, plofstowwe, vervoer en verwerking van erts, ens.

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Oppervlakmynbou**  
Korrespondensie-kursus;  
**Duur:** 3 jaar. Bewys moet gelewer word dat student ten minste drie jaar by 'n myn of in 'n mynbou-erwante beroep werksaam was  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die twee vakke op LG moet die amptelike tale uitsluit)  
**Vakke vereis:** Wiskunde  
**Vakke aanbeveel:** Chemie en Fisika  
**Bykomende vereistes:** Student moet by 'n

myn of in 'n mynbouwerwante beroep werksaam wees

**Gelde:** R430 per vak

## **ORGANISASIE EN WERKSTU- DIE**

**Beroep(e):** Organisasie- en werkstudiebe-  
ampte; Produktiwiteitsadviseur; Produk-  
tiewiteitskontroleur

**Persoonlike vereistes:** Goeie mensever-  
houding, geduld, objektiwiteit, kreatiwi-  
teit, aanpasbaar by veranderde omstan-  
dighede en taktvol

**Aard van werk:** Bepaal die tipe apparaat,  
liasseerstelsel, bonusstelsel en personeel-  
sterkte vir 'n bepaalde taak binne 'n or-  
ganisasie

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Organisasie en  
Werkstudie: Fabrieke**

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (slegs HG- of  
SG-vakke)

**Vakke vereis:** Engels en Afrikaans

**Nota:** Voorkeur aan kandidate met ver-  
wante werk

**Gelde:** R2475 p.j.

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Organisasie en  
Werkstudie**

**Rigtings:** Kantore; Staatsdiens

**Duur:** Kantore: 3 jaar voltyds of deelyds;  
staatsdiens: 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee LG-vakke. Vakke op LG  
is slegs aanvaarbaar indien dit nie in die  
onderrigprogram vereis word nie

**Keuring:** Toelating aan keuring onder-  
worpe

**Gelde:** Eerste jaar: R642 - R692 per vak;  
tweede jaar: R642 - R840 per vak; derde  
jaar: R642 - R878 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Organisasie en  
Werkstudie**

Korrespondensie-kursus;

**Rigtings:** Fabrieke; Kantore; Staatsdiens

**Duur:** 3 jaar (een week prakties per jaar)

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van 2 vakke op LG (die amptelike  
tale mag nie op LG wees nie)

**Vakke aanbeveel:** Wiskunde

**Bykomende vereistes:** Kandidate moet  
toegang hê tot of werksaam wees in 'n  
werkstudie-omgewing

**Gelde:** R390 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Organisasie en  
Werkstudie**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating

**Vakke vereis:** Ten minste een van die  
aanbevole vakke HG (E- simbool) of SG  
(D-simbool)

**Vakke aanbeveel:** Rekeningkunde, Be-  
dryfseksonomie, Rekenaarwetenskap, Eko-  
nomie, Wiskunde en Natuur- en Skeikunde  
**Keuring:** Kandidate word gekeur

**Gelde:** Ongeveer R380 per vak per semes-  
ter

## **ORTOTIKA EN PROTETIKA**

**Beroep(e):** Ortotiese en protetiese tegnikus

**Persoonlike vereistes:** Stel werklik belang  
daarin om met fisies gestremde mense te  
werk, het deernis met hulle, is prakties  
ingestel en het 'n positiewe uitkyk op die  
lewe

**Aard van werk:** Werk in 'n span om die  
fisiese gebrek van 'n persoon te verlig en  
ontwerp en vervaardig hupmiddelle vir die  
pasiënt

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

### **Nasionale Diploma: Geneeskundige Ortotika en Protetika**

**Duur:** 3 jaar voltyds: 18 maande formele opleiding en 18 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Minstens een natuurwetenskapvak

**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde en Biologie

**Keuring:** Persoonlike onderhoud en vaardigheidstoets

**Nota:** Vanaf 1996 sal Natuur- en Skeikunde en Biologie as skoolvakke vereis word

**Gelde:** Eerste semester: R282 - R450 per vak; tweede, derde en sesde semesters: R100 per semester vir prakties; vierde semester: R406 - R732 per vak; vyfde semester: R404 - R732 per vak

### **OSEANOGRAFIE**

**Beroep(e):** Oseanograaf

**Persoonlike vereistes:** Goeie sig, handvaardigheid, 'n belangstelling in en liefde vir die see en vermoë om in 'n span te werk

**Aard van werk:** Oseanografie is die studie van die see en die lewe daarin. Oseanograwe meet watertemperatuur en bestudeer die bodem van die see om biologiese monsters te versamel, visse te merk, neerslagmonsters te neem en oseaangetye te bestudeer. Sommige is opgeleide duikers. 'n Ontleding van monsters wat versamel is, vind in laboratoriums aan land of op see plaas

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Oseanografie**

**Duur:** 3 jaar: 2 jaar formele opleiding en een jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld

**Vakke vereis:** Wiskunde en een ander natuurwetenskaplike vak HG (E-simbool) of SG (D-simbool). Eerste Taal HG en Tweede Taal SG

**Bykomende vereistes:** Kandidate moet toestemming hê om hulle ervaringsopleiding by die Afdeling Seevisserye, Roggebaai, te doen

**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud

**Nota:** Hierdie kursus word nie in 1994 aangebied nie

**Gelde:** Eerste semester (5 vakke): R1660; tweede semester (4 vakke): R1400; derde semester (4 vakke): R1630 en vierde semester (6 vakke): R2040

### **OWERHEIDSFINANSIES**

**Beroep(e):** Staatsrekenmeester; Belasting-beampte

**Persoonlike vereistes:** Syfervaardig, betroubaar, eerlik en geniet dit om met mense te werk

**Aard van werk:** Bepaal die belabare inkomste van individue en maatskappye, spoor gevalle waar belasting onduidelik is, op, vorder belasting in, doen oudits op veslae en maak belastingswetgewing duidelik

**Waar:** Border Technikon  
Engelsmedium

**Nasionale Diploma: Owerheidsfinansies**

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Nota:** 1993-inligting

**Gelde:** Eerste, tweede en derde jaar: R1245 p.j.; vierde jaar: R1355

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma: Owerheidsfinansies**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 5 vakke op HG of SG

**Vakke vereis:** Engels HG (E-simbool)

**Vakke aanbeveel:** Wiskunde en Rekening-

kunde

**Keuring:** Toelating is aan keuring onderworpe

**Gelde:** R1480 of R530 per vak

**Waar:** Setlogelo Technikon; Setlogelo Technikon (Mmabatho-kampus)  
Engelsmedium

**Nasionale Diploma: Owerheidsfinansies**

**Duur:** 3 jaar voltyds of deelyds. Slegs deelyds by Mmabatho-kampus

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld

**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool) en 'n slaagpunt in albei amptelike tale

**Keuring:** Akademiese prestasie

**Gelde:** R175 per semester per vak

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Owerheidsfinansies**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en LG-vakke slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Nota:** Hierdie diploma word slegs by Pietermaritzburg se kampus aangebied

**Gelde:** Voltyds: ongeveer R3910 p.j. of R910 per vak; deelyds ongeveer R655 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga-kampus); Technikon Pretoria (Nelspruit-kampus)  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Owerheidsfinansies**

**Duur:** 3 jaar voltyds of deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum

van twee LG-vakke - slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie)

**Vakke aanbeveel:** Wiskunde en Rekeningkunde SG

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Voltyds en deelyds: eerste jaar: R424 - R656 per vak; tweede jaar: R660 - R758 per vak; derde jaar: R660 - R678 per vak

**Waar:** Technikon SA

Afrikaans- of Engelsmedium

**Nasionale Diploma: Owerheidsfinansies**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van 2 vakke op LG (amptelike tale uitgesluit)

**Nota:** Toegang tot 'n rekenaar word vereis

**Gelde:** R390 per vak

## **PARKE- EN REKREASIEBESTUUR**

**Beroep(e):** Parke- en rekreasiebestuurder  
**Persoonlike vereistes:** Selfgedisiplineerd, verantwoordelik, ambisieus, positief en geniet dit om met mense te werk

**Aard van werk:** Voorsien fasiliteite met die klem op die behoefte van mense vir ontspanning, hoe om dit die beste te bevredig en die doelmatige en doeltreffende allokering van arbeid, grond en fondse

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Parke- en Rekreasiebestuur**

**Duur:** 3 jaar: 2 jaar voltyds plus 12 maande toepaslike ervaringsopleiding by 'n goedgekeurde instelling of geakrediteerde werkgewer

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG) of 'n Nasionale Sertifikaat in Tuin-



boukunde

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Vakke aanbeveel:** Biologie

**Keuring:** Psigometriese evaluering en/of aanlegtoetse en/of 'n onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Parke- en Rekreasie-  
bestuur**

**Duur:** 3 jaar: Eerste semester - ervarings-  
onderrig by Meerhof Opleidingsentrum;  
semesters twee tot vyf - formele opleiding  
en sesde semester - ervaringsonderrig by  
Meerhof Opleidingsentrum

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating ('n maksimum  
van 2 vakke op LG - slegs aanvaarbaar  
indien dit nie in die program van onderrig  
vereis word nie)

**Vakke aanbeveel:** Natuur- en Skeikunde  
en Biologie

**Keuring:** Akademiese prestasie en toepas-  
like vakke (inname van slegs 20 studente  
per keer)

**Gelde:** Eerste semester: R100 per vak;  
tweede semester: R450 per vak; derde  
semester: R450 - R464 per vak; vierde  
semester: R450 - R464 per vak; vyfde  
semester: R450 - R474 per vak en sesde  
semester: R100 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Parke- en Rekreasie-  
bestuur**

Korrespondensie-kursus;

**Duur:** 3 jaar: 2 jaar formele opleiding en  
1 jaar indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van vier vakke op SG of HG (die  
amptelike tale mag nie op LG wees nie)

**Nota:** Weens beperkte praktikum geriewe,  
word studente gekeur. Studente is verant-  
woordelik om 'n geskikte betrekking vir  
ervaringsonderrig te vind

**Gelde:** R430 per vak (addisionele gelde  
word vir praktikum gehê en word deur  
ander instansies, betrokke by praktikum,  
bepaal)

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Parke- en Rekreasie-  
bestuur**

**Duur:** 3 jaar voltyds; 2 jaar formele oplei-  
ding en 12 maande indiensopleiding by 'n  
goedgekeurde instansie

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating (met ten min-  
ste 'n E-simbool gemiddeld)

**Vakke aanbeveel:** Landboukundige en  
biologiese vakke

**Nota:** Werksgeleenthede bestaan by muni-  
sipaliteite, streeksdiensterade, regeringsin-  
stellings en privaat ondernemings

**Gelde:** Ongeveer R115 - R345 per vak

## PERDESTUDIES

**Beroep(e):** Perdeteler; Stalbestuurder

**Persoonlike vereistes:** Sterk belangstelling  
in biologie, fisies fiks, opletend, geduldig  
en toegewyd

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Perdestudies**

**Duur:** 3 jaar voltyds; 24 maande formele  
opleiding en 12 maande toepaslike indiens-  
opleiding

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee vakke op LG. Die vakke  
op LG is slegs toelaatbaar indien dit nie in  
die onderrigprogram vereis word nie

**Vakke aanbeveel:** Wiskunde, Natuur-  
en Skeikunde, Biologie en landbouvakke

**Keuring:** Akademiese prestasie

**Gelde:** Eerste semester: R450 - R500 per  
vak; tweede semester: R450 - R464 per  
vak; derde semester: R450 - R464 per vak;  
vierde semester: R450 - R514 per vak

## PERSONEELBESTUUR

**Beroep(e):** Personeelbeampte; Personeelbestuurder; Opleidingsbeampte; Bestuurder (arbeidsbetrekkinge); Werwingsbeampte

**Persoonlike vereistes:** Geniet mense se geselskap, is 'n goeie luisteraar en het die vermoë om prioriteite te bepaal

**Aard van werk:** Betrokke by die werwing, selektering, toetsing en die plasing van personeel in 'n organisasie; opleiding; mannekragbeplanning; bepaling van vergoedingskale en -beleid; bevordering van beter personeelverhoudinge; die hou van verslae oor werknemers; advisering aan senior bestuur rakende arbeidsbeleid en -verhoudinge en die verbetering van motivering en moreel

**Waar:** Border Technikon  
Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar voltyds (ervaringsonderrig gedurende die derde jaar van studie)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels HG (E-simbool)

**Keuring:** Akademiese meriete

**Gelde:** 1993: Eerste en tweede jaar: R2075 p.j.; derde jaar: R1770

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar voltyds met prakties in die derde jaar of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG en Tweede Taal HG

**Vakke aanbeveel:** Wiskunde

**Keuring:** Psigometriese toetsing en/of aanlegtoets en/of 'n onderhoud

**Nota:** Deelydse kursus is onderworpe aan lewensvatbare studentegetalle

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met HG- en/of SG-vakke

**Vakke vereis:** Engels HG (E-simbool) of SG (D-simbool); Wiskunde en Rekeningkunde HG (F-simbool) of SG (E-simbool); Afrikaans

**Gelde:** R2475 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld

**Vakke vereis:** Engels HG (E-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** R1430 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) - SG (E-simbool) indien dit 'n omgesette HG-punt is

**Keuring:** Akademiese prestasie

**Gelde:** R580 - R680 per vak

**Waar:** Setlogelo Technikon  
Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)

**Vakke vereis:** Engels (E-simbool)

**Bykomende vereistes:** Studente wat vir Beginsels in Inligtingstelsels registreer, moet toegang tot 'n rekenaar hê

**Keuring:** Punteskool

**Nota:** Deeltydse klasse sal slegs aangebied word indien daar 10 of meer studente is wat registreer  
**Gelde:** R175 per vak per semester

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Personeelbestuur**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op HG en/of SG, amptelike tale ingesluit ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrig-program vereis word nie)  
**Vakke vereis:** HG (E-simbool) of SG (D-simbool) in een van die tale  
**Keuring:** Akademiese prestasie  
**Gelde:** R3960 per jaar vir voltydse studie of R655 per vak vir deeltydse studie

**Waar:** Technikon Noord-Transvaal  
Engelsmedium  
**Nasionale Diploma: Personeelbestuur**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 'n E-simbool gemiddeld  
**Vakke vereis:** Engels HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Rekeningkunde en ander handelsvakke  
**Keuring:** Akademiese prestasie  
**Nota:** Van die student mag verwag word om 'n oorbruggingskursus (Potentiality Development Programme) van 6 maande te volg. 1992-inligting  
**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Personeelbestuur**  
**Duur:** 3 jaar voltyds of deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 HG- en/of SG-vakke ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie en/of nie

'n Eerste of Tweede Taal is nie)  
**Vakke vereis:** Eerste en Tweede Taal  
**Keuring:** Akademiese prestasie, aanleg en persoonlikheidseienskappe  
**Gelde:** R485 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Personeelbestuur**  
**Duur:** 3 jaar voltyds of deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)  
**Vakke vereis:** Kandidaat moet Afrikaans of Engels goed magtig wees  
**Vakke aanbeveel:** Wiskunde, Ekonomie, Bedryfsekonomie, Rekeningkunde of Handelsreg  
**Keuring:** Akademiese prestasie en toepaslike vakke  
**Nota:** Kusus faseer in 1996 uit  
**Gelde:** Eerste jaar: R484 - R762 per vak; tweede jaar: R660 - R860 per vak en derde jaar: R678 - R928 per vak

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium  
**Nasionale Hoër Sertifikaat: Personeelbestuur**  
Korrespondensie-kursus;  
**Duur:** 2 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die twee vakke op LG moet die amptelike tale uitsluit)  
**Nota:** Studente wat vir Beginsels van Inligtingstelsels registreer, moet toegang tot 'n rekenaar hê  
**Gelde:** R390 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Personeelbestuur**  
Korrespondensie-kursus;  
**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Nota:** Studente wat vir Beginsels van Inligtingstelsels registreer, moet toegang tot 'n rekenaar hê

**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar voltyds (3 maande indiensopleiding gedurende die finale studiejaar)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Goeie simbole in tale

**Vakke aanbeveel:** Wiskunde of Rekeningkunde

**Gelde:** Ongeveer R500 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Tale, handelsvakke of Wiskunde

**Keuring:** Meriete (puntestelsel) en psigometriese toetse

**Gelde:** 5 vakke @ ongeveer R670 elk p.j. of R380 elk per semester

**Waar:** Transkei Technikon  
Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Kandidate word gekeur

**Gelde:** R3150 p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Personeelbestuur**

**Duur:** 3 jaar voltyds en deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG en wat die amptelike tale moet insluit

**Vakke aanbeveel:** Bedryfekonome, Ekonomie, Handelsreg, Rekeningkunde en Wiskunde

**Keuring:** Sweedse Telskaal

**Gelde:** Eerste jaar: R2982; tweede jaar: R2585 en derde jaar: R2077

## **PLAASLIKE OWERHEIDSFINANSIES**

**Beroep(e):** Tesourier; Kosterekenmeester  
**Persoonlike vereistes:** Natuurlike syfervaardigheid, vermoë om vinnig en effektief te werk en goeie menseverhoudinge te handhaaf

**Aard van werk:** Pas rekeningkundige en kostebeginsels, metodes en tegnieke toe en doen 'n ontleding van die besparings en/of oorskotte in vergelyking met vorige ondervinding of met die begroting en ondersteun bestuur met die formulering van beleid

**Waar:** Technikon Pretoria  
Engels- en Afrikaansmedium

**Nasionale Diploma: Plaaslike Owerheidsfinansies**

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Wiskunde en Rekeningkunde SG

**Gelde:** Eerste jaar: R642 per vak; tweede jaar: R660 - R722 per vak; derde jaar: R660 - R662 per vak; vierde jaar: R678 per vak

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Plaaslike Owerheidsfinansies**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit)

**Gelde:** R390 per vak

## **PLASTIEKTEGNOLOGIE**

**Beroep(e):** Plastiektegnoloog

**Persoonlike vereistes:** Oplettend, ondersoekend en geduldig

**Aard van werk:** Toets prosesse om verskillende tipes bekende plastiek te produseer en kontroleer kwaliteit

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Sertifikaat in Plastiektegnologie**

**Duur:** 6 tot 8 weke deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (ses vakke op HG en/of SG) of genoegsame ervaring in die plastieknywerheid

**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Plastiektegnologie**

**Duur:** 3 jaar voltyds: 18 maande formele opleiding en 18 maande toepaslike indiensopleiding en/of 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG; Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)

**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Plastiektegnologie**

**Duur:** 3 jaar: 3 semesters formele opleiding en 3 semesters ervaringsonderrig

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Vakke aanbeveel:** Natuur- en Skeikunde en Wiskunde

**Keuring:** Akademiese prestasie en toepaslike vakke

**Gelde:** Eerste semester: R412 - R550 per vak; tweede semester: R464 - R564 per vak en derde semester: R474 - R574 per vak

## **PLOFSTOFTEGNOLOGIE**

**Beroep(e):** Plofstoftegnikus

**Persoonlike vereistes:** 'n Wetenskaplike, maar met 'n praktiese instelling en verantwoordelik in die sin dat kandidate met gevaarlike materiaal moet werk

**Aard van werk:** Gemoed met verskeie aspekte van die vervaardiging van 'n wye reeks plofstowwe; mag werksaam wees in 'n laboratorium en toetse uitvoer op grondstowwe en vervaardigde produkte of 'n lid wees van 'n navorsing- of ontwikkelingspan wat vervaardigingsmetodes verbeter of nuwe produkte ontwikkel

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Plofstoftegnologie**

**Duur:** 3 jaar voltyds (ervaringsopleiding by 'n goedgekeurde aanleg of laboratorium)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG en 'n D-simbool gemiddeld

**Vakke vereis:** Engels en Afrikaans met die Eerste Taal op HG. Wiskunde en Natuur- en Skeikunde SG (D-simbool) of HG (E-simbool)

**Keuring:** Psigometriese toetse, aanlegtoetse of persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Plofstoftegnologie**

**Duur:** 3 jaar voltyds: 18 maande formele opleiding en 18 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde

**Keuring:** Akademiese prestasie

**Nota:** Sekerheidsklaring mag 'n vereiste wees vir toelating tot die tweede semester

**Gelde:** Eerste semester: R412 - R520 per vak; tweede semester: R422 - R564 per vak; derde semester: R384 - R594 per vak

## **POLISIEBESTUUR**

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Polisiebestuur**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Bykomende vereistes:** Kandidate moet dienende lede van die Suid-Afrikaanse Polisiemag of polisiemagte van die TBVC-lande of Nasionale Selfregerende State wees. 'n Verklaring waarin die bevelvoerende offisier aandui hoe lank 'n persoon reeds lid van die polisiemag is, moet aansoek vergesel

**Gelde:** R390 per vak

## **POSKANTOORADMINISTRASIE**

**Beroep(e):** Administratiewe beampte; Telekommunikasiebeampte; Bemerkingsbeampte; Personeelbeampte

**Persoonlike vereistes:** Aanleg vir tale, verantwoordelikhedsin, netheid en behulp-

saamheid

**Aard van werk:** Varieer volgens pos

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Poskantooradministrasie**

**Rigtings:** Personeelbestuur; Bestuur: Algemeen; Finansiële Bestuur

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 5 vakke op SG en/of HG ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie en/of nie 'n Eerste of Tweede Taal is nie)

**Vakke vereis:** Eerste en Tweede Taal

**Keuring:** Akademiese prestasie, aanleg en persoonlikheidsienskappe

**Gelde:** R420 per vak

## **PRE-TEGNIES**

**Waar:** Mangosuthu Technikon

Engelsmedium

**Pre-tegnies**

**Duur:** 6 maande

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitsopleiding of N3 of 'n toepaslike GCE-sertifikaat

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde of Biologie, Engels en 'n ander taal

**Keuring:** Akademiese meriete

**Gelde:** R1200 per semester

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Pre-tegniese Kursus**

**Rigtings:** Analitiese Chemie, Siviele Ingenieurswese, Elektriese Ingenieurswese, Omgewingsgesondheid, Bedryfsingenieurswese, Meganiese Ingenieurswese, Biomediese Ingenieurswese en Radiografie

**Duur:** 2 semesters

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Engels, Wiskunde en Natuur- en Skeikunde

**Gelde:** R320 per vak

## **PRODUKSIEBESTUUR**

**Beroep(e):** Produksiebestuurder; Produk- siebeplanner

**Persoonlike vereistes:** Vermoë om te beraadslaag, logies te redeneer, objektief en innoverend te dink en oplossings prak- ties toe te pas

**Aard van werk:** Verantwoordelik vir die bestuur van 'n produksie-eenheid

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Produksiebestuur**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG

**Vakke vereis:** Engels en Afrikaans; Wis- kunde HG (F-simbool) of SG (E-simbool)

**Bykomende vereistes:** Voorkeur aan studente met verwante werk

**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Produksiebestuur**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Produksiebestuur**

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n mini- mum van vier vakke op HG en/of SG, amptelike tale ingesluit ('n LG-vak in slegs toelaatbaar indien dit nie in die onderrig- program vereis word nie)

**Vakke vereis:** Engels Eerste Taal HG (E- simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B- simbool)

**Vakke aanbeveel:** Wiskunde

**Gelde:** R655 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Produksiebestuur**

**Duur:** 3 jaar voltyds of deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Vakke vereis:** Wiskunde

**Keuring:** Akademiese prestasie en toepas- like vakke

**Gelde:** Eerste jaar: R384 - R692 per vak;

tweede jaar: R642 - R840 per vak en derde jaar: R360 - R828 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Produksiebestuur**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n mini- mum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Vakke aanbeveel:** Wiskunde

**Gelde:** R390 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Produksiebestuur**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Een van die volgende vakke HG (E-simbool) of SG (D-simbool): Re- keningkunde, Wiskunde, Bedryfseksonomie, Rekenaarwetenskap, Natuur- en Skeikunde of Tegniese Tekene

**Vakke aanbeveel:** Rekeningkunde, Bedryf- seksonomie, Rekenaarwetenskap, Wis- kunde, Natuur- en Skeikunde of Tegniese Tekene

**Keuring:** Puntestelsel

**Gelde:** 5 vakke @ ongeveer R670 elk p.j. of R380 elk per semester

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Produksiebestuur**  
**Duur:** 3 jaar voltyds en deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ten minste  
4 vakke op HG of SG en wat die amptelike  
tale insluit  
**Keuring:** Sweedse Telskaal  
**Gelde:** Eerste jaar: R2071; tweede jaar:  
R2263 en derde jaar: R2263

## **RADIOGRAFIE**

**Beroep(e):** Radiografies  
**Persoonlike vereistes:** Prakties, verant-  
woordelik, opgewek, rustig, die vermoë  
om met pasiënte te werk, met kollegas oor  
die weg te kom en nougeset te werk  
**Aard van werk:** Neem X-straalfilms en  
gebruik nuwe hoë-tegnologie-apparaat om  
beserings, frakture en siektes aan te dui.  
Radiokerns word ook in die bestralingsla-  
boratorium gebruik

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Radiografie: Diag-  
nosties**  
**Duur:** 36 maande - formele opleiding vir  
'n paar maande en die balans van 36  
maande word deur praktiese ervaring in 'n  
goedgekeurde opleidingshospitaal voltooi.  
Studente ontvang 'n salaris tydens die  
opleidingsperiode  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Eerste Taal HG (E-simbool)  
of SG (D-simbool) - SG (E-simbool) mits  
dit 'n omgesette HG-punt is, Wiskunde,  
Natuur- en Skeikunde en Biologie  
**Bykomende vereistes:** In diens as student-  
radiografiste by 'n goedgekeurde oplei-  
dingshospitaal. Plaaslike hospitale mag as  
werkgevers bykomende vereistes stel  
**Keuring:** Onderhoud  
**Gelde:** R490 per vak

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Radiografie**  
**Rigtings:** Diagnosties; Terapie; Kernge-  
neeskunde; Ultraklank  
**Duur:** 3 jaar: 18 maande formele opleiding  
en 18 maande indiensopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat  
met universiteitstoelating met 'n minimum  
van vier vakke op HG en/of SG, amptelike  
tale ingesluit ('n LG-vak is slegs aanvaar-  
baar indien dit nie in die onderrigprogram  
vereis word nie)  
**Vakke vereis:** Engels Eerste Taal HG (E-  
simbool) of SG (D-simbool) of Engels  
Tweede Taal HG (C-simbool) of SG (B-  
simbool)  
**Vakke aanbeveel:** Wiskunde, Natuur- en  
Skeikunde, Biologie, Chemie op HG  
**Bykomende vereistes:** 17 jaar oud en  
geregistreer as studentradiografis  
**Gelde:** Eerste jaar: R2930; tweede jaar:  
R2710 en derde jaar: R2590

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Radiografie: Diag-  
nosties**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating, met 50 %  
gemiddeld en 5 vakke op HG en/of SG ('n  
LG-vak is slegs toelaatbaar indien dit nie  
in die onderrigprogram vereis word nie)  
**Vakke vereis:** Eerste en Tweede Taal HG  
of SG, Wiskunde, Natuur- en Skeikunde  
en Biologie op minstens SG (50%)  
**Bykomende vereistes:** In diens van 'n  
geregistreerde opleidingsinstansie  
**Keuring:** Akademiese prestasie, aanleg-  
toets en persoonlikheidsienskappe  
**Gelde:** R550 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Radiografie**  
**Rigtings:** Diagnosties; Terapeuties  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior sertifikaat  
sonder universiteitstoelating ('n maksimum  
van 2 vakke op LG - slegs aanvaarbaar



indien dit nie in die onderrigprogram vereis word nie)

**Vakke vereis:** Wiskunde en 'n natuurwetenskapvak (vanaf 1996 is Natuur- en Skeikunde sowel as Biologie ook 'n ver-eiste)

**Vakke aanbeveel:** Natuur- en Skeikunde of Biologie

**Keuring:** Persoonlike onderhoud (student moet self datum reël)

**Nota:** Registrasie by die SA Geneeskundige en Tandheelkundige Raad en immunisering teen Hepatitis B word vereis. 'n Noodhulpsertifikaat word in die eerste studiejaar by die Technikon aangebied

**Gelde:** Eerste jaar: R694 - R894 per vak; tweede jaar: R714 per vak en derde jaar: R474 - R962 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Radiografie: Diagnosties**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde en Biologie HG (E-simbool) of SG (D-simbool)

**Bykomende vereistes:** 'n Mediese ondersoek en beskikbaarheid van leerlingposte

**Keuring:** 'n Onderhoud

**Nota:** Alle bestralingspersoneel moet as sulks geregistreer wees en jaarlikse gesondheidstoetse is verpligtend

**Gelde:** R455 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Radiografie: Radioterapie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde elk op HG (E-simbool) of SG (D-simbool)

**Bykomende vereistes:** 'n Mediese ondersoek en beskikbaarheid van leerlingposte

**Keuring:** 'n Onderhoud

**Nota:** Alle bestralingspersoneel moet as sulks geregistreer wees en jaarlikse gesondheidsondersoeke is verpligtend

**Gelde:** R523 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Radiografie: Kern-geneeskunde**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde, Natuur- en Skeikunde en Biologie, elk op HG (E-simbool) of SG (D-simbool)

**Bykomende vereistes:** 'n Mediese ondersoek en beskikbaarheid van leerlingposte by 'n goedgekeurde instansie

**Keuring:** Onderhoud

**Nota:** Alle bestralingspersoneel moet as sulks geregistreer wees en jaarliks vir gesondheidsondersoeke gaan

**Gelde:** R455 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Radiografie**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde HG (E-simbool) of SG (D-simbool) en Biologie HG (E-simbool) of SG (D-simbool) of Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Biologie HG (E-simbool) of SG (D-simbool)

**Keuring:** Keuringstoetse en 'n persoonlike onderhoud

**Gelde:** 5 vakke @ ongeveer R760 per vak p.j.

## REGISTRASIE VAN AKTES

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Registrasie van**

## **Aktes**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Gelde:** R390 per vak

## **REISBEDRYF EN TOERISME**

**Beroep(e):** Reiskonsultant; Reisagent; Toeroperateur

**Persoonlike vereistes:** Algemene kennis oor die wêreld, geografie en geskiedenis, taktvolheid en die vermoë om effektief te kommunikeer

**Aard van werk:** Adviseer kliënte oor hul reisvereistes, doen die nodige besprekings en reserveer akkommodasie, beplan die mees ekonomiese roetes en bevestig inligting. Werkseleenthede bestaan by reisagentskappe, toeroperateurs, die vervoersektore en akkommodasie-ontvangs op alle gebiede, selfs natuurreservate

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma:** Reisbedryf en Toerisme

**Duur:** 3 jaar voltyds waarby ervaringsopleiding ingesluit is of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG (D-simbool) en Tweede Taal HG (D-simbool)

**Vakke aanbeveel:** Wiskunde, Aardrykskunde of Rekeningkunde

**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Reisbedryf en Toerisme

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met HG- en SG-vakke

**Vakke vereis:** Beide amptelike tale op HG of SG

**Keuring:** Onderhoud

**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma:** Reisbedryf en Toerisme

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (LG-vakke is onaanvaarbaar)

**Vakke vereis:** Beide amptelike tale HG (E-simbool) of SG (D-simbool)

**Keuring:** Akademiese prestasie

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Reisbedryf en Toerisme

**Duur:** 3 jaar voltyds, waarvan 6 maande ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en met ten minste 5 vakke op HG en/of SG (LG-vakke is slegs toelaatbaar indien dit nie in die program van studie nodig is nie of nie een van die amptelike tale is nie)

**Keuring:** Evalueringskaal

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Reisbedryf en Toerisme

**Duur:** 3 jaar voltyds. 'n Minimum van 6 maande praktykervaring moet self gereël word

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van 2 LG-vakke - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Vakke vereis:** 'n Amptelike taal HG (D-

simbool) of SG (C-simbool)

**Vakke aanbeveel:** 'n Derde taal, Aardrykskunde, Tik, Geskiedenis, Rekeningkunde, Wiskunde, Ekonomie of Bedryfs-  
ekonomie

**Keuring:** Akademiese prestasie en 'n persoonlike onderhoud met personeel van die Toerismedepartement mag nodig wees  
**Nota:** Hierdie kursus in nie bedoel om toerleiers op te lei nie. Die kursus is gerig op die opleiding van reiskonsultante vir die reisbedryf en toerisme in die algemeen

**Gelde:** Eerste jaar: R642 - R3042 per vak;  
tweede jaar: R660 - R3060 per vak en  
derde jaar: R100 - R678 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Reisbedryf en Toerisme**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Tale, Wiskunde, Kuns, Rekeningkunde, Geskiedenis, Biologie, Bedryfseconomie, Aardrykskunde, Natuur- en Skeikunde of 'n derde taal

**Keuring:** Akademiese toetse, biografiese vraelys en 'n persoonlike onderhoud

**Gelde:** 5 vakke @ ongeveer R670 elk p.j. of R380 elk per semester

**Waar:** Vaaldriehoekse Technikon  
Afrikaans en Engels

**Nasionale Diploma: Reisbedryf en Toerisme**

**Duur:** 3 jaar voltyds en deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste vier vakke op HG en/of SG (amptelike tale ingesluit)

**Keuring:** Sweedse Telskaal

**Gelde:** Eerste jaar: R2687

## REKENAARSTELSELS

**Beroep(e):** Rekenaarstelstegnikus

**Persoonlike vereistes:** Goeie oogkontak en  
kleursensitiwiteit, vermoë om te kommuni-

keer, handvaardigheid en goeie hand-oog-  
koördinasie

**Aard van werk:** Verantwoordelik vir die installering, onderhoud en herstel van rekenaars

**Waar:** Kaapse Technikon  
Afrikaans of Engelsmedium

**Nasionale Diploma: Rekenaarstelsels**

**Duur:** 3 jaar: 2 jaar formele opleiding en  
1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG

**Vakke vereis:** Afrikaans en Engels: Eerste Taal HG en Tweede Taal SG. Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool) OF N4-Wiskunde en 'n ander verwante ingenieursvak soos N4-Elektrotegniek, N4-Digitale Elektronika of N4-Ingenieurswetenskap

**Keuring:** Akademiese prestasie. Kandidate word ook aan psigometriese en aanlegevaluering, taalvaardigheidtoetse, ens., onderwerp

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Rekenaarstelsels**

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Wiskunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Natuur- en Skeikunde

**Keuring:** Meriete

**Gelde:** R1860 per semester

**Waar:** Setlogelo Technikon  
Engelsmedium

**Nasionale Diploma: Rekenaarstelsels**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool)

**Vakke vereis:** Wiskunde HG (E-simbool)

of SG (D-simbool)

**Vakke aanbeveel:** Engels, Ekonomie, Rekeningkunde

**Keuring:** Puntestelsel

**Gelde:** R175 per vak per semester

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Rekenaarstelsels**

**Duur:** 3 jaar voltyds: 4 semesters formele opleiding en 2 semesters ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Natuur- en Skeikunde en Wiskunde HG 50% of SG 60%

**Keuring:** Keuringstoets

**Gelde:** Eerste semester: R194 - R462 per vak; tweede semester: R386 - R472 per vak; derde semester: R434 - R484 per vak; vierde semester: R398 - R746 per vak

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Rekenaarstelsels**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG (amptelike tale ingesluit)

**Vakke vereis:** Wiskunde HG of SG

**Vakke aanbeveel:** Natuur- en Skeikunde en Rekenaarwetenskap

**Keuring:** Puntestelsel

**Gelde:** Eerste semester: R2297; tweede semester: R2209; derde semester: R2109; vierde semester: R1790

## **REKENAARSTELSELS: INGENIEURSWESE**

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Rekenaarstelsels**

**(Ingenieurswese)**

**Duur:** 3 jaar: twee jaar formele opleiding en een jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG of SG

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R160 - R315 per vak

## **REKENINGKUNDE**

**Beroep(e):** Rekenmeester; Rekeningkundige beoefende

**Persoonlike vereistes:** Syfervaardigheid en 'n belangstelling in finansiële verslae

**Aard van werk:** Ontleed en interpreteer finansiële verslae en kommunikeer met aandeelhouders en maatskappye

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Rekeningkunde**

**Duur:** 3 jaar voltyds of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool), Engels, Afrikaans en Wiskunde. Voorkeur aan studente met goeie punte in Rekeningkunde en Wiskunde

**Gelde:** R2475 p.j.

**Waar:** Setlogelo Technikon  
Engelsmedium

**Nasionale Diploma: Rekeningkunde**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool)

**Vakke vereis:** Rekeningkunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Wiskunde

**Keuring:** Puntestelsel

**Gelde:** R175 per vak per semester

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Rekeningkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deeltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool). Wiskunde HG (E-simbool) of SG (D-simbool) of Rekeningkunde HG (D-simbool) of SG (C-simbool)  
**Keuring:** Moontlike onderhoud  
**Gelde:** R4010 p.j. (R940 per vak)

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Rekeningkunde**  
**Duur:** 3 jaar  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke aanbeveel:** Rekeningkunde  
**Keuring:** Akademiese prestasie  
**Gelde:** R485 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria (Kwamhlanga-kampus)  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Rekeningkunde**  
**Duur:** 3 jaar voltyds (deelydse klasse word ook aangebied)  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Wiskunde of Rekeningkunde HG (D-simbool) of SG (C-simbool)  
**Keuring:** Akademiese prestasie  
**Gelde:** Eerste jaar: R424 - R758 per vak;

tweede jaar: R642 - R660 per vak; derde jaar: R642 - R678 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Rekeningkunde**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)  
**Bykomende vereistes:** Alle kandidate moet werksaam wees, met rekeningkundige verpligtinge in die handel, nywerheid, openbare sektor of by 'n professionele firma onder toesig van 'n GR(SA), GIS, KBR, IMTR, IRT of 'n persoon wat goedgekeur is deur die Raad van die IRT  
**Gelde:** R390 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Rekeningkunde**  
**Duur:** 3 jaar voltyds of 4 jaar deeltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Wiskunde en Rekeningkunde SG (D-simbool) of HG (E-simbool)  
**Bykomende vereistes:** Vaardigheid in tale en goeie analitiese vermoëns  
**Keuring:** Akademiese prestasie  
**Gelde:** Ongeveer R113 - R500 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Rekeningkunde**  
**Duur:** 3 jaar  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Rekeningkunde of Wiskunde HG (E-simbool) of SG (C-simbool)  
**Keuring:** Keuringstoets  
**Gelde:** Ongeveer R670 per vak p.j. of ongeveer R380 per vak per semester

## RESIDENSIËLE KINDERSORG

**Beroep(e):** Kindersorgwerker; Huisouer  
**Persoonlike vereistes:** Fisies gesond, verantwoordelik en behulpsaam

**Aard van werk:** Versorg en hou toesig oor kinders in kinderhuise, plekke van veilige bewaring, industriële skole, verbeteringskole, kleuterskole en sorgsentrums. Die kwalifikasie help kindersorgwerkers om kinders te ondersteun en die gevolge van sosiale probleme te hanteer, maar is nie 'n onderwyskwalifikasie nie

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Residensiële Kindersorg**

**Duur:** 2 jaar en 6 maande formele opleiding en 6 maande praktiese ervaring

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op HG en/of SG, amptelike tale ingesluit ('n LG-vak is slegs toelaatbaar indien dit nie in die program van studie vereis word nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Gelde:** R3910 per jaar

## RUBBERTEGNOLOGIE

**Beroep(e):** Rubbertegnoloog  
**Persoonlike vereistes:** Selfgemotiveerd, ondersoekende en logiese denke, leierspotensiaal en vermoë om goed met ander mense oor die weg te kom

**Aard van werk:** Betrokke by die omskakeling van rou rubberprodukte, produkontwikkeling, ontwikkeling van meer ekonomiese produksiemetodes, kwaliteitskontrole en bemaking

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Rubbertegnologie**  
**Duur:** 3 jaar voltyds of deeltyds  
**Toetreekwalifikasie:** Senior Sertifikaat

sonder universiteitstoelating  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde  
**Gelde:** R150 - R530 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Rubbertegnologie**  
**Duur:** 3 jaar: 6 semesters formele onderrig  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG (2 LG-vakke is slegs toelaatbaar indien dit nie in die program van studie vereis word nie)

**Vakke aanbeveel:** Wiskunde en Natuur- en Skeikunde

**Keuring:** Akademiese prestasie

**Gelde:** Eerste semester: R450 - R550 per vak; tweede semester: R450 - R564 per vak en derde semester: R464 - R754 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Sertifikaat: Rubbertegnologie**  
**Duur:** 1 jaar - een semester formele opleiding en een semester ervaringsonderrig  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Vakke aanbeveel:** Wiskunde en Natuur- en Skeikunde

**Keuring:** Akademiese prestasie

**Gelde:** R450 - R550 per vak

## SAKEADMINISTRASIE

**Beroep(e):** Kantoorbestuuder; Kantoortoetsighouer; Sekretaresse; Administratiewe beampte; Persoonlike assistent  
**Persoonlike vereistes:** Georganiseerd, selfgemotiveerd, mensgeoriënteerd, eerlik, betroubaar, lojaal en 'n belangstelling om in 'n moderne tegnologiese kantooromgewing te funksioneer

**Aard van werk:** Hierdie diploma is daarop gemik om die sakewêreld te voorsien van

hoëvlakmannekrag, toegerus met omvattende tegnologiese en bestuursvaardighede, ten einde in die behoeftes van 'n voortdurende veranderde sakeomgewing te voorsien

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Sakeadministrasie**  
**Duur:** 3 jaar voltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG en 'n D+ gemiddeld  
**Vakke vereis:** Afrikaans en Engels HG (D-simbool)  
**Keuring:** Rekenaar- en syferkundige aanlegtoets  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Sakeadministrasie**  
**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit)  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Engels Eerste Taal HG (D-simbool) of SG (C-simbool). Voorkeur aan kandidate met Tik, Rekeningkunde en Rekenaarstudies  
**Keuring:** Kandidate word gekeur  
**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Sakeadministrasie**  
**Duur:** 3 jaar voltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke  
**Vakke vereis:** Twee tale HG (E-simbool) of SG (D-simbool) - insluitende die taal wat deel van die diplomakursus uitmaak  
**Keuring:** Akademiese meriete  
**Gelde:** R580 - R720 per vak

**Waar:** Setlogelo Technikon

Engelsmedium  
**Nasionale Diploma: Sakeadministrasie**  
**Duur:** 3 jaar voltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Afrikaans of Kommunikasie of Engels (E-simbool) en Rekeningkunde op Senior Sertifikaatvlak of Finansiële Rekeningkunde I  
**Vakke aanbeveel:** Tik, Ekonomie, Bedryfseksonomie  
**Keuring:** Puntestelsel  
**Gelde:** R175 per vak per semester

**Waar:** Setlogelo Technikon  
Engelsmedium  
**Nasionale Hoër Sertifikaat: Sakeadministrasie**  
**Duur:** 2 jaar voltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Afrikaans of Kommunikasie of Engels (E-simbool) en Rekeningkunde op Senior Sertifikaatvlak of Finansiële Rekeningkunde I  
**Vakke aanbeveel:** Tik, Ekonomie, Bedryfseksonomie  
**Keuring:** Puntestelsel  
**Gelde:** R175 per vak per semester

**Waar:** Setlogelo Technikon  
Engelsmedium  
**Nasionale Sertifikaat: Sakeadministrasie**  
**Duur:** 1 jaar voltyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Afrikaans of Kommunikasie of Engels (E-simbool) en Rekeningkunde op Senior Sertifikaatvlak of Finansiële Rekeningkunde I  
**Vakke aanbeveel:** Tik, Ekonomie, Bedryfseksonomie  
**Keuring:** Puntestelsel  
**Gelde:** R175 per vak per semester

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Sakeadministrasie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (D-simbool) of SG (C-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Punttestelsel

**Gelde:** R4880 p.j. (R1 155 per vak)

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Sakeadministrasie

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie vir die onderrigprogram vereis word nie

**Vakke aanbeveel:** Tik, Handelsvakke

**Keuring:** Akademiese prestasie

**Gelde:** R485 per vak

**Waar:** Technikon Pretoria; Technikon Pretoria(Kwamhlanga-kampus); Technikon Pretoria (Nelspruit-kampus); Technikon Pretoria (Witbank-kampus)

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Sakeadministrasie

**Duur:** 3 jaar voltyds (ook deelyds indien minstens 15 inskrywings ontvang word).

Nege weke praktykervaring word vereis

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Afrikaans en Engels HG (D-simbool) of SG (C-simbool); Tik SG (minstens 35 w.p.m. en voorkeur aan kandidate met 'n D-simbool of hoër) of 'n gelykwaardige tikkursus

**Vakke aanbeveel:** Bedryfseconomie, Ekonomie en Rekeningkunde HG of SG

**Bykomende vereistes:** Slegs vroulike kandidate

**Keuring:** Akademiese prestasie

**Gelde:** Eerste jaar: R642 - R762 per vak; tweede jaar: R642 - R860 per vak; derde jaar: R642 - R860 per vak

**Waar:** Vaaldriehoekse Technikon Afrikaans- en Engelsmedium

**Nasionale Diploma:** Sakeadministrasie

**Duur:** 3 jaar voltyds of deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG en wat die amptelike tale insluit

**Vakke aanbeveel:** Bedryfseconomie, Ekonomie, Handelsreg, Rekeningkunde, Rekenaarwetenskap en Tik

**Keuring:** Sweedse Telskaal

**Gelde:** Eerste en tweede jaar: R2027 p.j.; derde jaar: R2042

## SAKEOPLEIDING

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Preliminêre Sertifikaat:** Sakeopleiding

Korrespondensie-kursus;

**Duur:** 1 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)

**Gelde:** R390 per vak

## SAKESTUDIE

**Waar:** Mangosuthu Technikon

Engelsmedium

**Sertifikaat in Sakestudie**

**Duur:** 1 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)

**Vakke vereis:** Engels HG (E-simbool)

**Keuring:** Kandidate word gekeur



**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Skakelwese**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating

**Vakke vereis:** Engels HG en Afrikaans  
HG of 'n Afrika-taal HG

**Vakke aanbeveel:** Geesteswetenskaplike  
vakke

**Keuring:** Puntestelsel, keuringstoetse,  
toelatingseksamen en 'n persoonlike onder-  
houd

**Gelde:** 5 vakke @ ongeveer R670 elk p.j.  
of R380 elk per semester

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Skakelwese**

**Duur:** 3 jaar voltyds en deelyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ten minste  
4 vakke op HG of SG en wat die amptelike  
tale insluit

**Vakke aanbeveel:** Bedryfsekonomie,  
Ekonomie, Tale (met ten minste 'n C-  
simbool op HG of SG) en Tik

**Keuring:** Sweedse Telskaal

**Gelde:** Eerste jaar: R2600; tweede jaar:  
2754 en derde jaar: R1700

## **SKOONHEIDSTEGNOLOGIE**

**Beroep(e):** Skoonheidstegnoloog

**Persoonlike vereistes:** Geniet dit om fisies  
met mense te werk, taktvol, sensitief,  
simpatiek, respekvol en goed versorg

**Aard van werk:** Van die take is bv. mas-  
sering; elektroterapie; hidroterapie; voor-  
ligting i. v. m. dieet; manikuur en pedikuur;  
gesigs- en liggaamsbehandelings

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Skoonheidstegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met ses vakke  
op HG en/of SG en 'n D-simbool gemid-  
deld

**Vakke vereis:** Eerste Taal HG en Tweede  
Taal SG en Biologie of Fisiologie 55%  
gemiddeld

**Vakke aanbeveel:** Natuur- en Skeikunde  
**Bykomende vereistes:** 'n Mediese ser-  
tificaat

**Keuring:** Persoonlike onderhoud

**Gelde:** Eerste jaar: ongeveer R6720;  
tweede jaar: ongeveer R5785; derde jaar:  
ongeveer R3960

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Skoonheidstegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van 4 vakke op HG en/of SG, ampte-  
like tale ingesluit. Vakke op LG is slegs  
toelaatbaar indien dit nie in die onderrig-  
program vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-  
simbool) of SG (D-simbool) of Engels  
Tweede Taal HG (C-simbool) of SG (B-  
simbool)

**Vakke aanbeveel:** Natuur- en Skeikunde  
en Biologie

**Bykomende vereistes:** 'n Mediese ser-  
tificaat

**Keuring:** Moontlike onderhoude

**Gelde:** Eerste jaar: R5280 (R1255 per  
vak); tweede jaar: R4930 (R1170 per vak);  
derde jaar: R5580 (R1330 per vak)

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Skoonheidstegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van 5 vakke op HG en/of SG, ampte-  
like tale ingesluit. 'n Vak op LG is slegs  
toelaatbaar indien dit nie in die onderrig-  
program vereis word nie

**Vakke aanbeveel:** Biologie en/of Kuns SG

**Keuring:** Akademiese prestasie en per-  
soonlike onderhoud indien nodig

**Gelde:** R550 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Skoonheidstechnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Biologie HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Natuur- en Skeikunde  
**Bykomende vereistes:** Mediese sertifikaat  
**Keuring:** Akademiese prestasie en persoonlike onderhoud  
**Nota:** Kursus is beperk tot vroulike studente  
**Gelde:** Eerste jaar: R502 - R952 per vak; tweede jaar: R502 - R516 per vak; derde jaar: R516 - R528 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Skoonheidstechnologie**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke aanbeveel:** Biologie, Natuur- en Skeikunde, Bedryfsekonomie  
**Keuring:** Keuringstoets en persoonlike onderhoud  
**Gelde:** R630 per vak p.j.

## **SPORTADMINISTRASIE EN - BEMARKING**

**Beroep(e):** Sportbevorderingsbeampte; Sportbemarker  
**Persoonlike vereistes:** 'n Lewendige belangstelling in sport, fisiek gesond, hou daarvan om met mense te werk en te organiseer  
**Aard van werk:** Bevorder deelname aan sport deur sportbyeenkomste, kompetisies en opleidingsprojekte te reël

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Sportadministrasie**

**en -bemarking**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (vakke op LG is onaanvaarbaar) of NTS III  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool) - SG (E-simbool) indien dit 'n omgesette HG-punt is  
**Keuring:** Akademiese meriete; gholf - enkelvoorgee; sokker - provinsiale en/of klubvertegenwoordiging; hokkie - deelname aan 'n Hoërskool Interprovinsiale Toernooi en/of 'n Senior Inter-provinsiale Toernooi  
**Nota:** Sportsoorte waarin gespesialiseer kan word, is gholf, hokkie of sokker  
**Gelde:** R420 - R650 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Sportadministrasie en -Bemarking**  
**Duur:** 3 jaar voltyds en ervaringsonderrig  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG (2 vakke op LG is slegs toelaatbaar indien dit nie in die program van studie vereis word nie)  
**Bykomende vereistes:** 'n CV wat sportprestasies beskryf  
**Gelde:** Eerste jaar: R484 - R642 per vak; tweede jaar: R660 - R730 per vak en derde jaar: R678 - R836 per vak

**Waar:** Vaaldriehoekse Technikon  
Afrikaans en Engels  
**Nasionale Diploma: Sportadministrasie en -Bemarking**  
**Duur:** 3 jaar voltyds en deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste vier vakke op HG en/of SG (amptelike tale ingesluit)  
**Keuring:** Sweedse Telskaal  
**Gelde:** Eerste jaar: R2578

## **SPYSENTERINGSBESTUUR**

**Beroep(e):** Spysenieringsbestuurder  
**Persoonlike vereistes:** Innoverend, geniet

dit om voedsel voor te berei, gasvry en vermoë om onder druk te werk

**Aard van werk:** Pas spysenieringsbesuurstegnieke toe, doen spyskaartbeplanning vir hotelle, restaurante, bankette en funksies; bepaal kostes en pas kostebeheer en rekeningkundige praktyke toe

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma: Spysenieringsbestuur**  
**Duur:** 3 jaar voltyds (6 maande praktiese opleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG

**Vakke vereis:** Albei amptelike tale HG of G

**Keuring:** Persoonlike onderhoud  
**Gelde:** R3720 p.j.

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Spysenieringsbestuur**  
**Duur:** 3 jaar voltyds: 2 jaar en 6 maande formele opleiding en 6 maande ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs oelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Akademiese meriete en persoonlike onderhoud  
**Gelde:** R4900 p.j. (R1160 per vak)

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Spysenieringsbestuur**  
**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Een taal op HG  
**Vakke aanbeveel:** Rekeningkunde, Derde

taal

**Bykomende vereistes:** Praktiese ervaring (ook deelyds) in 'n restaurant, hotel of verwante bedryf sal as 'n sterk aanbeveling dien

**Keuring:** Keuringstoets

**Gelde:** Ongeveer R670 per vak p.j. of ongeveer R380 per vak per semester

## **STAATSADMINISTRASIE**

**Waar:** Kaapse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Staatsadministrasie**

**Duur:** 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG en Tweede Taal HG

**Keuring:** Psigometriese toetsing en/of aanlegtoetsing en/of 'n onderhoud

**Nota:** Lewensvatbare studentetalle bepaal of kursus aangebied word al dan nie  
**Gelde:** Ongeveer R3000 - R6000 p.j.

## **STAATSREKENINGE EN -FINANSIES: BINNELANDSE INKOMSTE**

**Beroep(e):** Belastingbeampte; Staatsrekenmeester

**Persoonlike vereistes:** Syfervaardigheid, betroubaarheid, eerlikheid en geniet dit om met mense te werk

**Aard van werk:** Bepaal die belasbare inkomste van individue en maatskappye, spoor gevalle van belastingontduiking op, samel belasting in, doen oudits van verslae en interpreteer belastingswetgewing

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Staatsrekeninge en finansies (Binnelandse Inkomste)**

Korrespondensie-kursus;

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)  
**Nota:** Na verwerping van hierdie diploma kan studente die Nasionale Hoër Diploma: Belasting doen, waarna daar in die Departement Binnelandse Inkomste met die nodige praktiese ervaring die kwalifikasie Meesterbelastingouditeur verwerf kan word  
**Gelde:** R390 per vak

**Waar:** Transkei Technikon  
Engelsmedium

**Nasionale Diploma:** Staatsrekening en finansies: Binnelandse Inkomste

**Duur:** 3 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Bykomende vereistes:** Voltyds in 'n pos wat toepaslik is t.o.v. die kursus

**Keuring:** Akademiese meriete

## **STADS- EN STREEKBEPLANNING**

**Beroep(e):** Stads- en streekbeplannings-  
tegnikus

**Persoonlike vereistes:** Kreatief, drie-dimensionele vermoëns, goeie visuele persepsie en die vermoë om effektief te kommunikeer

**Aard van werk:** Werk as een van 'n span (bestaande uit ingenieurs, argitekte, geo-  
loë, landmeters, ekonome, landskapsargitekte en sosiale wetenskaplikes) in die ontwikkeling en beplanning van verblyf, werksplekke en ontspanningsfasiliteite. Werk behels onder andere opmeting, opnames, voorstelling van data deur middel van kaarte, grafieke en die konstruksie van skaalmodelle vir voorgestelde skemas

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Stads- en Streek-  
beplanning

**Duur:** 3 jaar voltyds: 18 maande formele

opleiding en 18 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG; Wiskunde SG (D-simbool) of HG (E-simbool) of N3-Wiskunde (70%) of N4-Wiskunde (60%)

**Keuring:** Psigometriese toetsing en/of aanlegtoets en/of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Diploma:** Stads- en Streek-  
beplanning

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en een jaar toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG

**Vakke vereis:** Wiskunde HG; Engels (Eerste Taal) en Afrikaans of 'n ander taal  
**Gelde:** R3720 per jaar of R1860 per semester

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Stads- en Streek-  
beplanning

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating of N3

**Vakke vereis:** Eerste Taal HG (E-simbool), Tweede Taal SG (D-simbool) en Wiskunde HG (E-simbool) of SG (D-simbool) vir Senior Sertifikaat. Vir die N3 Sertifikaat 'n gemiddeld van 60% met minstens 55% in Wiskunde, Ambagsteorie, Boukunde en Boutekene asook Eerste Taal HG (E-simbool) en Tweede Taal SG (D-simbool)

**Vakke aanbeveel:** Aardrykskunde

**Keuring:** Keuringstoets

**Gelde:** 6 vakke @ ongeveer R760 elk p.j. of R380 elk per semester

**Gelde:** R1430 per semester

## **SEKRETARIEEL**

**Beroep(e):** Sekretaresse; Administratiewe beampte; Persoonlike assistent

**Persoonlike vereistes:** Georganiseerd, selfgemotiveerd, mensgeoriënteerd, hardwerkend, vermoë om vertroulikheid te handhaaf en besluite te implementeer

**Aard van werk:** Maak gebruik van 'n wye verskeidenheid elektroniese kantoortoerusting om die doeltreffende bestuur van 'n kantoor te verseker

**Waar:** Border Technikon  
Engelsmedium

**Nasionale Diploma: Sekretarieel: Kantooradministrasie**

**Duur:** 3 jaar voltyds, ervaringsopleiding ingesluit

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke aanbeveel:** Tik

**Keuring:** Akademiese prestasie

**Nota:** 'n Volytse, eenjarige 'Pre-Secretarial' kursus, wat toelating tot hierdie Diploma verleen, mag gevolg word indien die student se kwalifikasies nie aan die toelatingsvereistes voldoen nie

**Gelde:** 1993: Eerste jaar: 2350; tweede jaar: R2435; derde jaar: R1985

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma: Sekretarieel: Uitvoerende Sekretaresse**

**Duur:** 3 jaar voltyds of 4 jaar deelytys

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld

**Vakke vereis:** Engels HG (E-simbool)

**Keuring:** Toelatingstoetse

**Gelde:** R1640 per semester

**Waar:** Mangosuthu Technikon  
Engelsmedium

**Nasionale Diploma: Sekretarieel: Kantooradministrasie**

**Duur:** 3 jaar voltyds of 4 jaar deelytys

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)

**Vakke vereis:** Engels HG (E-simbool)

**Keuring:** Toelatingstoets

**Gelde:** R1640 per semester

**Waar:** Setlogelo Technikon  
Engelsmedium

**Nasionale Diploma: Sekretarieel: Kantooradministrasie**

**Duur:** 3 jaar voltyds (5 weke ervaringsopleiding)

**Toetreekwalifikasie:** Nasionale Hoër Sertifikaat: Sekretarieel: Kantooradministrasie

**Keuring:** Akademiese meriete

**Gelde:** R175 per vak per semester

**Waar:** Setlogelo Technikon  
Engelsmedium

**Nasionale Hoër Sertifikaat: Sekretariële Kantooradministrasie**

**Duur:** 2 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Akademiese meriete

**Gelde:** R175 per vak per semester

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Uitvoerende Sekretaresse**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld

**Vakke vereis:** Engels (Tweede Taal) HG (D-simbool) en Afrikaans (E-simbool)

**Keuring:** Akademiese prestasie

**Nota:** 1992-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Sekretarieel: Kom-**

**mersiële Praktyk****Duur:** 3 jaar deeltyds**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)**Vakke vereis:** Engels (Tweede Taal) HG (D-simbool) en Afrikaans (E-simbool)**Keuring:** Akademiese meriete**Nota:** 1992-inligting**Gelde:** 1994: R360 per vak per semester**Waar:** Technikon Noord-Transvaal

Engelsmedium

**Nasionale Diploma: Sekretarieel: Kantooradministrasie****Duur:** 3 jaar deeltyds**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n E-simbool gemiddeld**Vakke vereis:** Engels (Tweede Taal) HG (D-simbool) en Afrikaans (E-simbool)**Keuring:** Akademiese prestasie**Nota:** 1992-inligting**Gelde:** 1994: R360 per vak per semester**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma: Sekretarieel: Kantooradministrasie****Duur:** 3 jaar voltyds (praktiese werk by firmas vorm deel van die kursus)**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating**Vakke vereis:** Rekeningkunde en Tik**Vakke aanbeveel:** D-simbool in die tale**Gelde:** Ongeveer R500 per vak**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Sekretarieel: Uitvoerende Sekretaresses****Duur:** 3 jaar**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating**Keuring:** 'n Persoonlike onderhoud**Gelde:** 5 vakke @ ongeveer R670 elk p.j. of R380 elk per semester**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Sekretarieel: Kantooradministrasie****Duur:** 3 jaar**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating**Keuring:** 'n Persoonlike onderhoud**Gelde:** 5 vakke @ ongeveer R670 elk p.j. of R380 elk per semester**SERTIFIKAATPROGRAM****Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Sertifikaatprogram**

Korrespondensie-kursus

**Rigtings:** Aankoopbestuur; Baangrasbestuur; Bemarking; Besigheidsbelasting & Regswese; Drukkerybestuur; Eiendoms-wese; Intern ouditkunde; Kleinhandelsakebestuur; Landskapontwerp; Maatskappy-administrasie; Method- & Time Measurement; Munisipale Administrasie; Nywerheidsverhoudinge; Openbarebestuur & Administrasie; Owerheidsfinansies; Personeelbestuur; Plaaslike Owerheidsfinansies; Plant- en Plaaigbeheer; Planteteelt; Plantkunde; Produksiebestuur; Registrasie van Aktes; Rekeningkunde; Sakestudies; Staatsrekening & Finansies; Binnelandse Inkomste; Stedelike Omgewingsbestuur; Tuinbou; Tuinboubestuur; Tuinboumeganasie; Tuinboupraktyk; Veiligheidsbestuur; Verpakkingsbestuur; Werkstudie: Fabrieke; Werkstudie: Kantore; Werkstudie: Staatsdiens**Duur:** 1 jaar**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met nie meer as twee vakke op LG nie, die twee tale uitgesluit**Nota:** Die Sertifikaatprogramme is slegs vir NUWE studente bedoel en nie vir bestaande diplomastudente nie. Studente wat nog nie sekerheid het oor hulle studierigting nie, kan vakke vanuit verskillende diplomas kies en na selfevaluering van hul vordering, 'n rigting kies, met behoud van krediet vir toepaslike vakke. Die sertifikaat

kaatprogramme dien as toetreeroete tot 'n nasionale diploma, met volwaardige vak-krediete  
**Gelde:** R390 per vak

## **SIVIELE INGENIEURSWESE**

**Beroep(e):** Siviele ingenieurstechnikus  
**Persoonlike vereistes:** Wiskundige vermoëns, vermoë om logies te dink, om onafhanklik besluite te neem, verbaal en grafies te kommunikeer, sistematies en as deel van 'n span te werk

**Aard van werk:** Beplan, ontwerp, bou en onderhou projekte rakende paaie, lughawens, geboue, damme, besproeiingskemas, watervoorsiening en suiweringwerke

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Siviele Ingenieurswese**

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG en/of SG

**Vakke vereis:** Afrikaans en Engels: Eerste Taal op HG en die Tweede Taal ten minste SG. Wiskunde SG (D-simbool) of HG (E-simbool) of N4-Wiskunde (50%) en 'n slaagpunt in Natuur- en Skeikunde  
**Keuring:** Psigometriese toetse, aanlegtoetse of persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma in Siviele Ingenieurswese**

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG of SG  
**Vakke vereis:** Wiskunde HG, Engels Eerste Taal, Fisika of Natuur- en Skeikunde en/of Tegniese Tekene  
**Keuring:** Meriete  
**Gelde:** R3720 p.j.

**Waar:** Mangosuthu Technikon  
Engelsmedium  
**Nasionale Diploma: Ingenieurswese: Siviel**

**Duur:** 3 jaar: 4 semesters formele opleiding en 2 semesters ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Engels, Wiskunde en 'n natuurwetenskapvak  
**Keuring:** Kandidate word gekeur  
**Nota:** Kandidate moet gewoonlik eers die Pre-tegniese kursus voltooi om tot die eerste jaar toegelaat te word  
**Gelde:** R1960 per semester

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Siviele Ingenieurswese**

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en sonder enige laergraadvakke  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool), Wiskunde en Natuur- en Skeikunde  
**Keuring:** Akademiese meriete  
**Gelde:** R190 - R380 per vak

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Ingenieurswese: Siviel**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool) en Wiskunde HG (E-simbool) of

SG (D-simbool)

**Keuring:** Puntestelsel

**Gelde:** Eerste en derde jaar: R2640 per semester (R615 per vak)

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma in Siviele Ingenieurswese**

**Duur:** 6 semesters voltyds: 4 semesters formele opleiding en 2 semesters ervaringsopleiding

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating (C-simbool gemiddeld) OF die suksesvolle voltooiing van die Potentiality Development Programme OF N4 met ten minste 5 toepaslike vakke

**Vakke vereis:** Senior Sertifikaat: Wiskunde (C-simbool), Natuur- en Skeikunde en Engels. N4: Wiskunde (60%) en 'n slaagpunt in Engels

**Keuring:** Aanlegtoetse

**Nota:** Die Potentiality Development Programme is beskikbaar vir studente wie se matrieksimbole nie aan die vereiste standaard voldoen nie. 'n Senior Sertifikaat sonder universiteitstoelating met 'n HG-slaagpunt of 'n E-simbool in Wiskunde en Natuur- en Skeikunde en 'n slaagpunt in Engels, word vir toelating tot die program vereis. 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma in Siviele Ingenieurswese**

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG of SG

**Keuring:** Akademiese prestasie en per-

soonlike onderhoud indien nodig

**Gelde:** R160 - R315 per vak

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Ingenieurswese: Siviel**

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike indiensopleiding

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (C-simbool)

**Keuring:** Akademiese prestasie

**Gelde:** Eerste semester: R224 - R486 per vak; tweede semester: R254 - R452 per vak; derde semester: R398 - R428 per vak; vierde semester: R406 - R436 per vak

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Diploma in Siviele Ingenieurswese**

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike ervaringsopleiding

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating of NTS III

**Vakke vereis:** Wiskunde HG of SG vir Senior Sertifikaat. Wiskunde asook Eerste en Tweede Taal SG vir NTS III

**Vakke aanbeveel:** Houtwerk, Natuur- en Skeikunde, Tegniese Tekene

**Keuring:** Akademiese prestasie

**Gelde:** Ongeveer R115 - R236 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium

**Nasionale Diploma: Ingenieurswese: Siviel**

**Duur:** 3 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating



**Vakke vereis:** Eerste Taal HG (D-simbool), Tweede Taal HG (E-simbool), Wiskunde HG (D-simbool) en Natuur en Skeikunde

**Vakke aanbeveel:** Rekenaarwetenskap, Aardrykskunde

**Keuring:** Keuringstoets en persoonlike onderhoud (indien nodig)

**Gelde:** Ongeveer R760 per vak p.j. of ongeveer R380 per vak per semester

**Waar:** Transkei Technikon  
Engelsmedium

**Nasionale Diploma: Siviele Ingenieurswese**

**Duur:** 3 jaar voltyds (6 maande ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Kandidate word gekeur

**Gelde:** R3950 p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Ingenieurswese: Siviel**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 4 vakke op HG of SG OF N3 met 'n minimum van 4 vakke (minimum slaagpunt 50%)

**Vakke vereis:** Senior Sertifikaat: Wiskunde, Natuur- en Skeikunde en albei amptelike tale HG of SG. N3: Wiskunde en Ingenieurswetenskap (50%) plus Afrikaans en Engels op N3-vlak

**Keuring:** Puntestelsel

**Gelde:** Eerste semester: R2015; tweede semester: R2103; derde semester en vierde semester: R2027 per semester

## **SIVIELE INGENIEURSWESE: LANDBOU**

**Beroep(e):** Siviele ingenieurstechnikus (Landbou)

**Persoonlike vereistes:** Vermoë om as deel

van 'n span te werk, kreatief, goeie analitiese vermoëns, belangstelling in landbou-aktiwiteite en goeie kommunikasievermoëns

**Aard van werk:** Behels bedrywighede soos die ontwerp van damme, dreineringsstelsels, besproeiingsstelsels (vloed en besprinkeling), water-afloopbeheer, erosiebeheer, veesuiptingsstelsels, strukture ens.

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Siviele Ingenieurswese: Landbou**

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG en/of SG, amptelike tale ingesluit. 'n Vak op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG of SG

**Keuring:** Akademiese prestasie en persoonlike onderhoud indien nodig

**Gelde:** R160 - R315 per vak

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Siviele Ingenieurswese: Landbou**

**Duur:** 3 jaar voltyds: 24 maande formele opleiding en 12 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG (E-simbool) of SG (C-simbool)

**Vakke aanbeveel:** Meganika en Tekene

**Keuring:** Akademiese prestasie

**Gelde:** Eerste semester: R372 - R418 per vak; tweede semester: R384 - R450 per vak; derde semester: R384 - R464 per vak; vierde semester: 4 vakke @ R394 per vak

## SKAKELWESE

**Beroep(e):** Skakelbeampte

**Persoonlike vereistes:** Mensgeoriënteerd, vermoë om vlot te skryf en praat en 'n wye belangstelling

**Aard van werk:** Verantwoordelik vir die effektiewe kommunikasie tussen 'n organisasie en alle groepe wat geraak word. Beplan en voer programme uit om 'n gunstige beeld van 'n organisasie d.m.v. die massamedia, brosjures, pamflette, artikels, jaarverslae en oudiovisuele kommunikasie uit te dra

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Skakelwese

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG en Tweede Taal HG

**Vakke aanbeveel:** Wiskunde

**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma:** Skakelwese

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG

**Vakke vereis:** Engels HG (D-simbool) en Afrikaans of 'n ander taal

**Keuring:** Aanlegtoets en 'n persoonlike onderhoud

**Gelde:** R2475 p.j.

**Waar:** Port Elizabethse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma:** Skakelwese

**Duur:** 3 jaar voltyds: 2 jaar formele oplei-

ding en 1 jaar toepaslike indiensopleiding, waartydens die twee hoofvakke d.m.v. afstandsonderrig voltooi word of 4 jaar deelyds

**Toetreekwalifikasie:** Senior Sertifikaat, verkieslik met universiteitstoelating (LG-vakke is onaanvaarbaar)

**Vakke vereis:** Twee tale op HG (D-simbool) of SG (C-simbool)

**Keuring:** Aanlegtoets, akademiese prestasie en belangstelling

**Nota:** Matrikulasievrvystelling sal 'n sterk aanbeveling wees

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Skakelwese

**Duur:** 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ten minste 3 HG-vakke ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie)

**Vakke vereis:** Engels HG (D-simbool) en nog 'n taal HG (D-simbool)

**Gelde:** Eerste en tweede jaar: R4800 per jaar en die derde jaar: R2590

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma:** Skakelwese

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike indiensopleiding (moet deur studente self gereël word)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van 2 vakke op LG, slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Vakke vereis:** Afrikaans en Engels HG (verkieslik C-simbool)

**Keuring:** Algemene kennis, taalbedrewenheid, geskrewe toets en moontlik 'n onderhoud

**Gelde:** Eerste jaar: R484 - R790 per vak;

tweede jaar: R424 - R1136 per vak en

derde jaar: R570 per vak

## STEENKOOLMYNBOU

**Beroep(e):** Mynboutegnikus  
**Persoonlike vereistes:** Fisies aktief, vermoë om ondergronds te werk, by verandering aan te pas en met mense van alle rassegroepe saam te werk  
**Aard van werk:** Is in beheer van 'n produksie-eenheid, pas die teorie in die praktyk toe en neem verantwoordelikheid t.o.v. myntoerusting, plofstowwe, rotsstabiliteit, verkoeling, vervoer van erts, ens.

**Waar:** Technikon SA  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Steenkoolmynbou**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG (die twee amptelike tale mag nie op LG wees nie)  
**Vakke vereis:** Wiskunde  
**Vakke aanbeveel:** Chemie, Fisika  
**Bykomende vereistes:** Werksaam in 'n myn of 'n mynbouberoep  
**Gelde:** R430 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Steenkoolmynbou**  
**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit)  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Wiskunde HG (E-simbool) of SG (D-simbool)  
**Vakke aanbeveel:** Natuur- en Skeikunde  
**Bykomende vereistes:** 'n 'Rooikaart' van die Mediese Buro vir liggaamlike geskiktheid word vereis  
**Keuring:** Meriete en onderhoude  
**Nota:** 'n Pre-tegnisicprogram word aangebied vir persone wat nie aan die minimum toelatingsvereistes voldoen nie  
**Gelde:** Ongeveer R480 per vak

## TAALPRAKTYK

**Beroep(e):** Taalpraktisyn; Vertaler; Redigeerder; Skakelbeampte  
**Persoonlike vereistes:** Taalvaardigheid  
**Aard van werk:** Sal nie slegs met taal te make hê nie, maar sal ook op die gebied van videotegniese, sake-administrasie, interkulturele studies en skakelwerk 'n aanwinst vir 'n organisasie wees

**Waar:** Kaapse Technikon  
Engels- en Afrikaansmedium  
**Nasionale Diploma: Taalpraktyk**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG  
**Vakke vereis:** Engels en Afrikaans HG  
**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon OVS  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Taalpraktyk**  
**Duur:** 3 jaar voltyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie  
**Vakke vereis:** Minimum van 'n C-simbool vir twee tale  
**Vakke aanbeveel:** 'n Derde taal  
**Keuring:** Akademiese prestasie  
**Nota:** Praktykervaring gedurende die studietydperk word sterk aanbeveel  
**Gelde:** R485 per vak

**Waar:** Technikon Pretoria  
Engels- en Afrikaansmedium  
**Nasionale Diploma: Taalpraktyk**  
**Duur:** 3 jaar formele en ervaringsonderrig  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. LG-vakke is slegs aanvaarbaar indien dit nie in die

onderrigprogram vereis word nie  
**Vakke vereis:** Die amptelike tale op HG  
(C-simbool)

**Keuring:** Akademiese vaardigheid, be-  
roepsprofiel en kreatiwiteit

**Gelde:** Eerste jaar: R318 - R724 per vak;  
tweede jaar: R424 - R736 per vak; derde  
jaar: R424 - R672 per vak

## **TANDHEELKUNDIGE ASSIS- TERING**

**Beroep(e):** Tandheelkundige assistent

**Persoonlike vereistes:** Vermoë om met  
mense te werk, vriendelik, taktvol, gedul-  
dig en verantwoordelik. Kandidate moet  
goeie koördineringsêre en persoonlike voor-  
koms is belangrik

**Aard van werk:** Berei pasiënt voor vir  
ondersoek, behandeling en chirurgiese  
prosedures, hou die instrumente in kor-  
rekte volgorde gereed, berei tandheelkun-  
dige materiaal en inspuittings voor, help  
met die neem en ontwikkeling van X-strale  
ens.

**Waar:** M.L. Sultan Technikon  
Engelsmedium

**Nasionale Sertifikaat: Tandheelkundige  
Assistering**

**Duur:** 1 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat  
sonder universiteitstoelating

**Gelde:** R3720 p.j.

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Sertifikaat: Tandheelkundige Assistent**

**Duur:** 1 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van 5 vakke op HG en/of SG, ampte-  
like tale ingesluit. 'n Vak op LG is slegs  
toelaatbaar indien dit nie in die onderrig-  
program vereis word nie

**Vakke aanbeveel:** Biologie SG (D-sim-  
bool)

**Keuring:** Akademiese prestasie en per-  
soonlike onderhoud indien nodig

**Gelde:** R915 per vak

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium

**Sertifikaat: Tandheelkundige Assistent**

**Duur:** 1 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mak-  
simum van twee vakke op LG. Die vakke  
op LG is slegs toelaatbaar indien dit nie in  
die onderrigprogram vereis word nie

**Vakke aanbeveel:** Biologie

**Keuring:** Akademiese prestasie en per-  
soonlike onderhoud

**Gelde:** 4 vakke @ R526 per vak en 1 vak  
@ R776

**Waar:** Technikon Skiereiland

Afrikaans- of Engelsmedium

**Nasionale Sertifikaat: Tandheelkundige  
Assistering**

**Duur:** 1 jaar voltyds

**Toetreekwilifikasie:** Senior Sertifikaat  
sonder universiteitstoelating

**Vakke aanbeveel:** Wiskunde en/of Natuur-  
en Skeikunde

**Keuring:** Akademiese prestasie

**Gelde:** Ongeveer R479 - R580 per vak

## **TANDHEELKUNDIGE TEGNO- LOGIE**

**Beroep(e):** Tandheelkundige tegnikus

**Persoonlike vereistes:** Goeie sigvermoëns,  
sistematies, handvaardig, akkuraat, kom-  
muneer goed en pas aan by laboratorium-  
toestande

**Aard van werk:** Vervaardig tandheelkun-  
dige toebehore vir die behandeling en  
herstel van beskadigde, misvormde of  
ontbrekende tande. Vervaardig kunsgebitte,  
brûe, krone en ortodontiese apparaat en  
werk met materiale soos gips, was, por-  
selein, goud en vlekvrige staaldraad

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma in Tandheelkundige  
Tegnologie**

Tandheelkundige Tegnologie

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 4 vakke op HG en/of SG, amptelike tale ingesluit. Vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool). Natuur- en Skeikunde SG (D-simbool) (studente sonder Natuur- en Skeikunde sal oorweeg word indien hulle oor Wiskunde SG met 'n C-simbool beskik)

**Keuring:** Aanlegtoets en persoonlike onderhoud

**Gelde:** Eerste en tweede jaar: R5680 p.j. (R1355 per vak); derde jaar: R3340 per semester (R790 per vak)

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Tandheelkundige  
Tegnologie**

**Duur:** 3 jaar voltyds: 30 maande formele opleiding en 6 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee vakke op LG. Die vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde SG

**Keuring:** Akademiese prestasie, persoonlike onderhoud, handvaardigheids- en psigometriese toetse

**Nota:** Kandidate moet in besit wees van die Nasionale Hoër Diploma: Tandheelkundige Tegnologie, voor die beroep beoefen mag word

**Gelde:** Eerste jaar: R450 - R876 per vak; tweede jaar: R542 - R992 per vak; derde jaar: R556 - R956 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Tandheelkundige  
Tegnologie**

**Duur:** 3 jaar voltyds: 2 jaar en 6 maande formele opleiding en 6 maande toepaslike indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Natuur- en Skeikunde en/of Wiskunde

**Keuring:** Vaardigheids- en aanlegtoets

**Nota:** Om te kan registreer as 'n Tandheelkundige Tegnoloog moet die Nasionale Hoër Diploma in Tandheelkundige Tegnologie verwerf word (1 jaar verdere studie)

**Gelde:** Ongeveer R359 - R580 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Tandheelkundige  
Tegnologie**

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Natuur- en Skeikunde en Wiskunde HG (E-simbool) of SG (D-simbool)

**Vakke aanbeveel:** Biologie

**Keuring:** Aanlegtoetse, twee praktiese toetse, 'n persoonlike onderhoud en meriete

**Gelde:** R760 per vak p.j.

## **TEATERKUNDE**

**Beroep(e):** Verhoogbestuurder; Verhooginkleder; Teaterteknikus; Dekorskilder; Grimeerkunstenaar

**Persoonlike vereistes:** Tegnieese vermoëns, handvaardig, vermoë om by veranderde omstandighede aan te pas en as deel van 'n span te werk

**Aard van werk:** Werk grotendeels agter die skerms en is verantwoordelik vir al die tegnieese aspekte van 'n produksie

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Uitvoerende Kuns:  
Teaterkunde**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op HG en/of SG, amptelike tale ingesluit ('n LG-vak is slegs toelaatbaar indien nie in die onderrig-program vereis nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Vakke aanbeveel:** Kuns, Tegniese Tekene, Natuur- en Skeikunde en Handwerk

**Keuring:** 'n Onderhoud

**Gelde:** R4680 per jaar

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Uitvoerende Kuns:**

**Teaterkunde: Verhooginkleding**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Keuring:** Praktiese toets en 'n onderhoud. Die eerste studiejaar word as 'n volgende fase in die keuringsproses beskou

**Gelde:** Eerste jaar: R258 - R1258 per vak; tweede jaar: R264 - R1264 per vak en derde jaar: R272 - R1272 per vak

**Waar:** Technikon Pretoria

Afrikaans- of Engelsmedium

**Nasionale Diploma: Uitvoerende Kuns:**

**Teaterkunde: Verhoogtegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (met 'n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van studie vereis word nie)

**Keuring:** Aflê van 'n departementele praktiese toets en 'n persoonlike onderhoud (die eerste studiejaar is die volgende fase in die keuringsproses)

**Gelde:** Eerste jaar: R258 - R1258 per vak; tweede jaar: R264 - R1264 per vak en derde jaar: R272 - R1272 per vak

## TEKSTIELONTWERP

**Beroep(e):** Tekstielontwerper

**Persoonlike vereistes:** Kunstig, innoverend, kreatief en 'n ryk verbeelding

**Aard van werk:** Skep oppervlakontwerp of patrone vir materiaal, meubels, matte, muurpapier, T-hemde of geskenkpapier

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Tekstielontwerp**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating en met ses vakke (LG-vakke is onaanvaarbaar)

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Keuring:** Portefeulje wat kunstaalent toon en bestaan uit 'n skets van 'n kledingstuk oor 'n stoel gedrapeer, 'n tweede skets van 'n mensfiguur, 'n derde tekening van 'n komposisie van ten minste drie verskillende soorte blomme, 'n collage van 'n tropiese woud en woestynsand, 'n tekstielontwerp van een van die collage-interpretasies en drie voorbeelde van werk wat vir die skoolsillabus gedoen is (besonderhede by die Skool vir Ontwerp van die Technikon verkrygbaar)

**Gelde:** Eerste jaar: R3840; tweede jaar: R4310 en derde jaar: R4350

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma: Tekstielontwerp**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG

**Vakke vereis:** Twee amptelike tale

**Keuring:** Aanlegtoets en onderhoud

**Gelde:** R2960 p.j.

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Tekstielontwerp**  
**Duur:** 3 jaar voltyds  
**Toetreekwatifikasie:** Senior Sertifikaat  
sonder universiteitstoelating  
**Vakke vereis:** Eerste Taal HG (E-simbool)  
of SG (D-simbool) - SG (E-simbool) mits  
dit 'n omgesette HG-punt is  
**Bykomende vereistes:** 'n Onderhoud, 'n  
portefeulje van werk en/of eksaminering  
mag moontlik nodig wees  
**Gelde:** R720 per vak

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Tekstielontwerp**  
**Duur:** 3 jaar voltyds  
**Toetreekwatifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van vier HG- en/of SG-vakke, am-  
ptelike tale ingesluit ('n LG-vak is slegs  
aanvaarbaar indien dit nie in die onder-  
rigprogram vereis word nie)  
**Vakke vereis:** Engels Eerste Taal HG (E-  
simbool) of SG (D-simbool) of Engels  
Tweede Taal HG (C-simbool) of SG (B-  
simbool)  
**Keuring:** Portefeulje van kreatiewe werk,  
'n persoonlike onderhoud en 'n tekentoets  
**Gelde:** R4680 p.j.

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Tekstielontwerp**  
**Duur:** 3 jaar voltyds  
**Toetreekwatifikasie:** Senior Sertifikaat  
sonder universiteitstoelating ('n maksimum  
van 2 vakke op LG - slegs aanvaarbaar  
indien dit nie in die program van studie  
vereis word nie)  
**Keuring:** Akademiese prestasie  
**Gelde:** Eerste jaar: R474 - R790 per vak;  
tweede jaar: R538 - R788 per vak en derde  
jaar: R552 - R802 per vak

## **TEKSTIELTEGNOLOGIE**

**Beroep(e):** Tekstieltegnoloog

**Persoonlike vereistes:** Tegniese vermoëns,  
inisiatief, goeie oordeel en kunstig  
**Aard van werk:** Betrokke by kwaliteits-  
kontrole, gee tegniese advies, ontwikkel  
nuwe prosesse of materiale. Materiale  
word afgewerk om spesiale eienskappe  
soos hittebestandheid en waterdigtheid te  
verkry

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma in Tekstieltegnologie**  
**Duur:** Een jaar en 6 maande formele  
opleiding en een jaar en 6 maande erva-  
ringsonderrig  
**Toetreekwatifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van vier vakke op HG en/of SG,  
amptelike tale ingesluit ('n LG-vak is slegs  
aanvaarbaar indien dit nie in die program  
van studie vereis word)  
**Vakke vereis:** Engels Eerste Taal HG (E-  
simbool) of SG (D-simbool) of Engels  
Tweede Taal HG (C-simbool) of SG (B-  
simbool)  
**Vakke aanbeveel:** Wiskunde en/of Natuur-  
en Skeikunde HG of SG (D-simbool)  
**Bykomende vereistes:** 6 maande ervaring  
in 'n tekstielindustrie  
**Gelde:** R2590 per semester of R600 per  
vak

## **TELEKOM**

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Telekom**  
Korrespondensie-kursus  
**Duur:** Hierdie is nie 'n volledige diploma-  
kursus nie. Slegs die vakke Wiskunde I, II  
en III van die Nasionale Diploma: Tele-  
kom word aangebied  
**Toetreekwatifikasie:** Senior Sertifikaat  
sonder universiteitstoelating met 'n mini-  
mum van vier vakke op SG of HG (die  
amptelike tale mag nie op LG wees nie)  
**Gelde:** R390 per vak

## TERSIERE OORBRUGGINGSKURSUS

**Waar:** Border Technikon  
Engelsmedium

**Tersiëre Oorbruggingskursus**

**Duur:** 1 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Wiskunde F-simbool en Natuur- en Skeikunde of 'n ander gelykwaardige vak

**Keuring:** Akademiese meriete

**Nota:** Hierdie kursus stel die kandidaat in staat om studies aan die Border Technikon of enige ander tersiëre instelling voort te sit

**Gelde:** 1993: R1660

## TUINBOU

**Beroep(e):** Tuinboukundige

**Personlike vereistes:** Natuurliefhebber, kreatief, ondersoekend van aard en uithou-vermoë

**Aard van werk:** Tuinboukundiges kweek 'n verskeidenheid van bome en struie en gebruik hulle kundigheid om vir almal 'n beter omgewing te skep. Hulle verfraai stede en dorpe, bewaar die natuur en omgewing en bestuur kwekerie

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Tuinbou**

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld of 'n Nasionale Sertifikaat in Tuinbou

**Vakke vereis:** Eerste Taal HG en Tweede Taal SG

**Vakke aanbeveel:** Biologie

**Keuring:** Psigometriese toets

**Gelde:** Eerste semester: R2335; tweede semester: R1975; derde semester: R1940; vierde semester: R1580; ervaringsopleiding: R400 per semester

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Tuinbou**

**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Vakke aanbeveel:** Natuur- en Skeikunde en Biologie

**Gelde:** R2760 per semester or R645 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Tuinbou**

**Duur:** 3 jaar voltyds: 4 semesters formele opleiding en 2 semesters toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Natuur- en Skeikunde en Biologie

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste en sesde semesters: R100 per semester vir prakties; tweede semester: R450 per vak; derde en vierde semesters: R450 - R464 per vak; vyfde semester: R450 - R474 per vak

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Diploma: Tuinbou**

Korrespondensie-kursus;

**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum



van 2 LG-vakke, tale uitgesluit)

**Nota:** Alle studente moet minstens een praktiese beginners- en een praktiese gevorderde kontakkursus bywoon  
**Gelde:** R430 per vak

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Tuinbou**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwaliifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 'n E-simbool gemiddeld  
**Gelde:** Ongeveer R115 - R345 per vak

## **VEEARTSENYKUNDIGE TEGNOLOGIE**

**Beroep(e):** Veeartsenykundige tegnoloog  
**Persoonlike vereistes:** Wetenskaplik georiënteerd, handvaardig, oplettend, toegewyd en 'n liefde vir laboratoriumwerk  
**Aard van werk:** Diagnoseer siektes in diere d.m.v. toetse op o.a. weefsel of bloed, doen tegniese en veldstudies tydens navorsing en doen die voorbereiding van biologiese produkte soos bv. entstof vir die voorkoming van siektes

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Veeartsenykundige Tegnologie**  
**Duur:** 3 jaar: 4 semesters formele opleiding en 2 semesters toepaslike indiensopleiding  
**Toetreekwaliifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - slegs aanvaarbaar indien dit nie in die program van onderrig vereis word nie)  
**Vakke vereis:** Wiskunde HG en Natuur- en Skeikunde HG  
**Vakke aanbeveel:** Biologie (verkieslik op HG)  
**Keuring:** Akademiese prestasie  
**Gelde:** Eerste semester: R450 - R602 per

vak; tweede semester: R556 - R568 per vak; derde semester: R582 - R632 per vak; vierde semester: R320 - R596 per vak; vyfde semester: R100 ervaringsonderrig en sesde semester: R100 ervaringsonderrig

## **VEILIGHEIDSBESTUUR**

**Beroep(e):** Veiligheidsbeampte; Noodbeplanner; Risikobestuurder; Verliesbeheerbeampte; Sekerheidsbeampte  
**Persoonlike vereistes:** Goeie menseverhoudinge en die vermoë om met mense op alle vlakke te kommunikeer  
**Aard van werk:** Voorkom toevallige verliese en bevorder gedrag wat winste verhoog in die mynbou, nywerhede, staats- en semistaatsinstellings, landbou- en chemiebedryf, bou- en konstruksiebedryf, metaalverwerkingsbedryf en lugvaart

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma in Veiligheidsbestuur**  
**Duur:** 3 jaar deelyds  
**Toetreekwaliifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Veiligheidsbestuur**  
**Duur:** 3 jaar voltyds  
**Toetreekwaliifikasie:** Senior Sertifikaat sonder universiteitstoelating met vakke op HG en/of SG (2 vakke op LG is slegs toelaatbaar indien dit nie in die program van studie 'n voorvereiste is nie)  
**Gelde:** Eerste jaar: R642 per vak; tweede jaar: R642 - R660 per vak en derde jaar: R678 - R716 per vak

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Veiligheidsbestuur**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwaliifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die

amptelike tale mag nie op LG wees nie)  
**Gelde:** R390 per vak. Die koste vir praktiese opleiding in brandbestryding beloop ongeveer R450 en is betaalbaar bo en behalwe die normale onderriggelde

## **VERPAKKINGSBESTUUR**

**Beroep(e):** Verpakkingsbestuurder  
**Persoonlike vereistes:** Vermoë om te beraadslaag, objektief en innoverend te dink en oplossings prakties toe te pas  
**Aard van werk:** Verantwoordelik vir organisering en beheer van 'n aanleg waar verpakkingsmateriaal of houers vervaardig word of waar produkte verpak word

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Verpakkingsbestuur**  
**Duur:** 3 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-gemiddeld (ses vakke op HG en/of SG) of senior studente met ervaring in die verpakkingsbedryf  
**Vakke vereis:** Eerste Taal HG en Tweede Taal SG  
**Vakke aanbeveel:** Wiskunde, Rekeningkunde en 'n natuurwetenskapvak  
**Bykomende vereistes:** Ervaring in die industrie word sterk aanbeveel  
**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud  
**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon SA  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Verpakkingsbestuur**  
Korrespondensie-kursus;  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier vakke op SG of HG (die amptelike tale mag nie op LG wees nie)  
**Gelde:** R390 per vak

**Waar:** Technikon Witwatersrand

Afrikaans- of Engelsmedium  
**Nasionale Diploma: Verpakkingsbestuur**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke aanbeveel:** Tale, Kuns, Wiskunde, Rekeningkunde, Biologie, Bedryfs-ekonomie, Aardrykskunde, Geskiedenis, Natuur- en Skeikunde of 'n derde taal  
**Keuring:** Punte-aanslagstelsel, akademiese toetse, biografiese vraelys en 'n persoonlike onderhoud  
**Gelde:** 5 vakke @ ongeveer R670 elk p.j., of R380 elk per semester

## **VERPAKKINGSTEGNOLOGIE**

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Sertifikaat: Verpakkingsstegnologie**  
**Duur:** 6 - 8 weke deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating of voldoende ervaring in die verpakkingsnywerheid  
**Bykomende vereistes:** Lidmaatskap van I.P.S.A.  
**Keuring:** Psigometriese toetsing en/of aanlegtoetse en/of 'n persoonlike onderhoud  
**Nota:** Die kursus verskaf basiese kennis i.v.m. verpakkingsbeginsels en praktyk, toesig, voedselverpakking, verpakking van grafika en materiaalhantering. Diegene sonder 'n Senior Sertifikaat, word na voltooiing van die kursus met 'n Sertifikaat van die Verpakkingsinstituut (nie van die Technikon nie) uitgereik  
**Gelde:** Ongeveer R3000 - R6000 p.j.

## **VIDEOTEGNOLOGIE**

**Beroep(e):** Videotegnikus  
**Persoonlike vereistes:** Handvaardig, vermoë om onder druk en as deel van 'n span te werk en handhawing van goeie men-severhoudinge  
**Aard van werk:** Vervaardig televisieprogramme vir ontspanning, opvoeding, opleiding en inligting. Die tegnikus kan by

produksiemaatskappye of vermaaklikheids-industrië werk of sy eie besigheid bedryf

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Videotegnologie**

**Duur:** 2 jaar en 6 maande formele opleiding en 6 maande praktiese ervaring

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van vier HG- en/of SG-vakke, amptelike tale ingesluit ('n LG-vak is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Bykomende vereistes:** Ondervinding of belangstelling in die televisieveld of verwante rigting

**Keuring:** 'n Moontlike persoonlike onderhoud

**Gelde:** Eerste jaar: R5230; tweede jaar (2 semesters): R3140 per semester en derde jaar (1 semester): R3140 per semester

## VOEDSEL

**Beroep(e):** Huishoudkundige; Verbruikers-voorligter

**Persoonlike vereistes:** Prakties georiënteerd, inisiatief en vermoë om goeie interpersoonlike verhoudings te handhaaf

**Aard van werk:** Gee voorligting aan individue, gesinne en gemeenskappe sodat produkte effektief benut kan word. Lewer ook 'n bydrae tot die industrie t.o.v. aankope, kwaliteitskontrole en navorsing m.b.t. voedsel

**Waar:** Kaapse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Voedsel**

**Duur:** 3 jaar voltyds (ervaringsopleiding ingesluit)

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld

**Vakke vereis:** Eerste en Tweede Taal HG

**Vakke aanbeveel:** Natuur- en Skeikunde

en Biologie

**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud

**Gelde:** Ongeveer R4070 p.j.

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Voedsel**

**Duur:** Twee en 'n half jaar formele opleiding en 6 maande ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Vakke aanbeveel:** Voorkeur aan studente met Biologie en Natuur- en Skeikunde

**Keuring:** Persoonlike onderhoud

**Gelde:** R4900 p.j. of R1160 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Voedsel**

**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Twee van die volgende vakke: Wetenskap, Wiskunde of Biologie

**Bykomende vereistes:** 'n Mediese sertifikaat indien kandidaat gekeur word

**Keuring:** Persoonlike onderhoud

**Gelde:** Eerste jaar: R258 - R862 per vak; tweede jaar: R264 - R642 per vak; derde jaar: R516 - R692 per vak

## VOEDSEL- EN KLEDINGTEGNOLOGIE

**Beroep(e):** Huishoudkundige; Verbruikers-voorligter

**Persoonlike vereistes:** Prakties georiënteerd

teerd, inisiatief en vermoë om goeie interpersoonlike verhoudings te handhaaf  
**Aard van werk:** Gee voorligting aan individue, gesinne en gemeenskappe sodat produkte effektief benut kan word en lewer 'n bydrae tot die klere-industrie t.o.v. ontwerp, aankope, kwaliteitskontrole en navorsing

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Voedsel- en Kleding-tegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke aanbeveel:** Biologie, Natuur- en Skeikunde of Huishoudkunde HG of SG

**Keuring:** Akademiese prestasie en moontlike persoonlike onderhoud

**Gelde:** R550 per vak

**Waar:** Technikon Pretoria

Afrikaans- en Engelsmedium

**Nasionale Diploma: Voedsel- en Kleding-tegnologie**

**Duur:** 3 jaar voltyds

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Twee van Natuur- en Skeikunde, Wiskunde of Biologie

**Bykomende vereistes:** 'n Mediese sertifikaat indien kandidaat gekeur word

**Keuring:** Persoonlike onderhoud

**Gelde:** Eerste jaar: R450 - R702 per vak;

tweede jaar: R514 - R1166 per vak; derde

jaar: R464 - R928 per vak

**Waar:** Vaaldriehoekse Technikon

Afrikaans- en Engelsmedium

**Nasionale Diploma: Voedsel- en Kleding-tegnologie**

**Duur:** 3 jaar

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG of SG of op N3-vlak

**Vakke vereis:** Albei amptelike tale op HG of SG

**Keuring:** Puntestelsel en moontlike plasingstoets

**Gelde:** Eerste jaar: R3693; tweede jaar: R4232; derde jaar: R3524

## VOEDSELDIENSBESTUUR

**Beroep(e):** Voedseldiensbestuurder

**Persoonlike vereistes:** Leierseenskappe, inisiatief, bestuursvaardighede en die vermoë om goeie interpersoonlike verhoudings te handhaaf

**Aard van werk:** Verantwoordelik vir die beplanning en toesighouding oor groot-skaalse voorsiening van gebalanseerde maaltye in 'n voedseldienseenheid soos 'n hotel, hospitaal, ens.

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

**Nasionale Diploma: Voedseldiensbestuur**

**Duur:** 3 jaar voltyds: 5 semesters formele opleiding en 1 semester toepaslike ervaringsopleiding

**Toetreekwalikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n gemiddeld van 55%

**Vakke vereis:** Eerste Taal HG (50%) en Tweede Taal HG (45%)

**Vakke aanbeveel:** Kandidate met 'n natuurwetenskapvak en/of Wiskunde of Rekeningkunde sal voorkeur geniet

**Keuring:** Psigometriese of aanlegtoets en 'n persoonlike onderhoud

**Nota:** Studente word nie as sjefs opgelei nie. Ondervinding in die voedselindustrie sal 'n voordeel wees

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** Technikon Natal

Afrikaans- of Engelsmedium

**Nasionale Diploma: Voedseldiensbestuur**

**Duur:** Twee en 'n half jaar formele opleiding en 6 maande ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)

**Vakke vereis:** Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)

**Keuring:** Akademiese prestasie en persoonlike onderhoud

**Gelde:** Eerste en tweede jaar: R4900 p.j. of R1160 per vak; derde jaar: R2450 per semester of R565 per vak

**Waar:** Technikon Noord-Transvaal  
Engelsmedium

**Nasionale Diploma: Voedseldiensbestuur**  
**Duur:** 3 jaar voltyds: 5 semesters formele opleiding en 1 semester ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (E-simbool gemiddeld)

**Vakke vereis:** Engels asook Natuur- en Skeikunde of Wiskunde en/of enige tweede natuurwetenskapvak

**Vakke aanbeveel:** Huishoudkunde, Biologie en Rekenaarwetenskap

**Keuring:** Aanlegtoets

**Nota:** 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon OVS

Afrikaans- of Engelsmedium

**Nasionale Diploma: Voedseldiensbestuur**  
**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n minimum van 5 vakke op HG of SG, wat die amptelike tale insluit. 'n Vak op LG is slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie

**Vakke aanbeveel:** Biologie, Huishoudkunde of Natuur- en Skeikunde HG of SG  
**Keuring:** Akademiese prestasie en moontlike onderhoud

**Gelde:** R550 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Voedseldiensbestuur**  
**Duur:** 3 jaar voltyds: 5 semesters formele opleiding en 1 semester ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke aanbeveel:** Twee van die volgende vakke: Wetenskap, Wiskunde of Biologie

**Bykomende vereistes:** 'n Mediese sertifikaat indien kandidaat gekeur word

**Keuring:** Akademiese prestasie en persoonlike onderhoud

**Gelde:** Eerste jaar: R258 - R708 per vak; tweede jaar: R258 - R516 per vak; derde jaar: R272 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Voedseldiensbestuur**  
**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Vakke vereis:** Een taal op HG

**Vakke aanbeveel:** Natuur- en Skeikunde, Biologie of Huishoudkunde

**Bykomende vereistes:** 'n Onlangse mediese sertifikaat van goeie gesondheid. Praktiese ondervinding sal 'n aanbeveling wees

**Keuring:** Keuring word verlang

**Gelde:** Ongeveer R380 per vak per semester

**Waar:** Transkei Technikon  
Engels

**Nasionale Diploma: Voedseldiensbestuur**  
**Duur:** 3 jaar voltyds

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** R3950 p.j.

**Waar:** Vaaldriehoekse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Voedseldiensbestuur**  
**Duur:** 3 jaar  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met minstens 4 vakke op HG or SG of op N3-vlak  
**Vakke vereis:** Albei amptelike tale op HG of SG  
**Keuring:** Puntestelsel en moontlike plaasingstoets  
**Gelde:** Eerste jaar: R2909; tweede jaar: R2509; derde jaar: R2701

## VOEDSELTEGNOLOGIE

**Beroep(e):** Voedseltegnoloog  
**Persoonlike vereistes:** Goeie interpersoonlike verhoudings en bereidheid om kennis voortdurend te verbeter  
**Aard van werk:** Identifiseer mikroorganismes in voedsel om te bepaal of dit skadelik is. Sien toe dat voedselprodukte en -vervaardigingsprosesse verbeter word, doen kwaliteitsversekering, ondersoek maniere om spesifikasies t.o.v. higiëne, rou materiaal, prosessering, verpakking en produkstamstelling te implementeer

**Waar:** Kaapse Technikon  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Voedseltegnologie**  
**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met ses vakke op HG of SG en 'n D-simbool gemiddeld  
**Vakke vereis:** Eerste Taal HG en Tweede Taal SG. Natuur- en Skeikunde HG en Wiskunde  
**Keuring:** Psigometriese of aanlegtoetse of 'n persoonlike onderhoud  
**Gelde:** Eerste jaar: R460 - R620 per vak per semester; tweede en derde jaar: R620 per vak per semester

**Waar:** M.L. Sultan Technikon  
Engelsmedium  
**Nasionale Diploma: Voedseltegnologie**  
**Duur:** 3 jaar voltyds: 2 jaar formele oplei-

ding en 1 jaar toepaslike indiensopleiding of 4 jaar deelyds  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)  
**Vakke vereis:** Wiskunde HG (E-simbool) of SG (C-simbool) en Wiskunde, Natuur- en Skeikunde en Biologie (verkieklik almal op HG)  
**Keuring:** Akademiese prestasie  
**Gelde:** R3720 p.j.

**Waar:** Technikon Natal  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Voedseltegnologie**  
**Duur:** 3 jaar voltyds: 2 jaar formele opleiding en 1 jaar ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit en slegs aanvaarbaar indien dit nie 'n vereiste vir die onderrigprogram is nie)  
**Vakke vereis:** 'n Natuurwetenskapvak en Engels Eerste Taal HG (E-simbool) of SG (D-simbool) of Engels Tweede Taal HG (C-simbool) of SG (B-simbool)  
**Vakke aanbeveel:** Wiskunde, Natuur- en Skeikunde of Biologie HG (D-simbool)  
**Gelde:** R2590 p.j. of R600 per vak

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Voedseltegnologie**  
**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie  
**Vakke vereis:** Wiskunde en Natuur- en Skeikunde SG 40%, maar verkieslik op HG  
**Vakke aanbeveel:** Biologie, verkieslik op HG  
**Keuring:** Toelating is aan keuring onderworpe  
**Gelde:** Eerste semester: R450 - R526 per vak; tweede semester: R538 - R566 per

vak; derde semester: R562 - R582 per vak;  
vierde semester: R526 - R606 per vak;  
vyfde en sesde semesters: R100 per semester vir prakties

**Waar:** Technikon Skiereiland  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Voedseltegnologie**  
**Duur:** 3 jaar: 2 jaar formele opleiding en 1 jaar toepaslike ervaringsopleiding  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Wiskunde, Biologie en Natuur- en Skeikunde HG (E-simbool) of SG (D-simbool)  
**Gelde:** Ongeveer R393 - R423 per vak

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Voedseltegnologie**  
**Duur:** 3 jaar  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Natuur- en Skeikunde, Wiskunde en Biologie HG (D-simbool) of SG (C-simbool)  
**Keuring:** Keuringstoetse en persoonlike onderhoud. Kandidate met vier jaar ondervinding in die voedselindustrie sal voorkeur geniet  
**Gelde:** Ongeveer R580 per vak

## VOETKUNDE

**Beroep(e):** Voetheelkundige  
**Persoonlike vereistes:** Wetenskaplik georiënteerd, simpatiek gesind, geduldig, handvaardig, goeie hand-oogkoördinasie, vermoë om teorie in die praktyk toe te pas en verantwoordelikheid vir pasiënte te aanvaar  
**Aard van werk:** Betrokke by die voorkoming sowel as die herstel van voetafwykings. Behandeling van pasiënte mag die toediening van medikasie, voorskryf van oefeninge of skoene en ander hulpmiddele behels. Pligte sluit ook gewone voetversorging soos die sny van toonnaels en

die verwydering van eelte en liddorings

**Waar:** Technikon Witwatersrand  
Afrikaans- of Engelsmedium  
**Nasionale Diploma: Voetkunde**  
**Duur:** 4 jaar  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating  
**Vakke vereis:** Biologie HG (D-simbool) of SG (C-simbool) en Natuur- en Skeikunde HG (D-simbool) of SG (C-simbool)  
**Vakke aanbeveel:** Wiskunde HG (D-simbool) of SG (C-simbool)  
**Keuring:** Keuringstoetse en 'n persoonlike onderhoud  
**Gelde:** 5 vakke @ ongeveer R760 per vak p.j.

## VOORRAAD- EN PAKHUISBESTUUR

**Beroep(e):** Voorraad- en pakhuisbestuurder  
**Persoonlike vereistes:** Ambisieus, vermoë om die leiding te neem en handhawing van goeie menseverhoudinge  
**Aard van werk:** Voorsien 'n onderneming van die juiste benodighede in die regte hoeveelhede op die regte tye en plekke teen die bes moontlike pryse vanaf goeie leweransiers. Beplan die beste stooruitleg, hersien voorraadvlakke en stel sekuriteitsprosedures in

**Waar:** Port Elizabethse Technikon  
Afrikaans- en Engelsmedium  
**Nasionale Diploma: Voorraad- en Pakhuisbestuur**  
**Duur:** 3 jaar voltyds of 4 jaar deelyds  
**Toetreekwilifikasie:** Senior Sertifikaat sonder universiteitstoelating (slegs HG- of SG-vakke)  
**Vakke vereis:** Eerste Taal HG (E-simbool) of SG (D-simbool)  
**Keuring:** Akademiese prestasie  
**Gelde:** R580 - R650 per vak

**Waar:** Technikon SA  
Engels- en Afrikaansmedium

### **Nasionale Diploma: Voorraad- en Pakhuisbestuur**

Korrespondensie

**Duur:** 3 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (maksimum van twee LG-vakke, amptelike tale uitgesluit)

**Gelde:** R390 per vak

### **WATERBESOEDELINGS- BEHEER**

**Waar:** Technikon SA

Afrikaans- en Engelsmedium

**Nasionale Sertifikaat in Waterbesoedlingsbeheer**

Korrespondensie-kursus;

**Duur:** 1 jaar

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke (die LG-vakke moet die twee amptelike tale uitsluit) of 'n kwalifikasie in Openbare Gesondheid of 'n verwante kwalifikasie

**Bykomende vereistes:** Dokumentêre bewys van ten minste twee jaar toepaslike ondervinding

**Nota:** 'n Praktiese taak word vereis

**Gelde:** R430 per vak

### **WATERVERSORGING**

**Beroep(e):** Waterversorgingstegnikus

**Persoonlike vereistes:** Meganiese vermoëns, fisiese fiksheid en akkuraatheid

**Aard van werk:** Beheer die suiweringsproses, lees en interpreteer meterlesings om 'n egalige vloei te verseker, beheer die chemikalieë, neem monsters, herstel pompe en kleppe. 'n Waterversorgingstegnikus word deur munisipaliteite en ander plaaslike instansies in diens geneem

**Waar:** Kaapse Technikon

Afrikaans- of Engelsmedium

### **Nasionale Diploma: Waterversorging**

**Duur:** 3 jaar deelyds met toepaslike indiensopleiding by 'n goedgekeurde instansie

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n D-simbool gemiddeld (ses vakke op HG en/of SG)

**Vakke vereis:** Eerste Taal HG, Tweede Taal SG, Wiskunde, asook minstens een natuurwetenskaplike vak op HG (E-simbool) of SG (D-simbool)

**Keuring:** Psigometriese toetsing en/of aanlegtoets en/of 'n persoonlike onderhoud

**Gelde:** Ongeveer R3000 - R6000 p.j.

**Waar:** M.L. Sultan Technikon

Engelsmedium

**Nasionale Diploma: Waterversorging**

**Duur:** 24 maande voltyds en 12 maande toepaslike indiensopleiding of 4 jaar deelyds: een dag per week bywoning en 12 maande indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (verkieslik met universiteitstoelating) met vakke op HG en/of SG

**Vakke vereis:** Biologie en Natuur- en Skeikunde

**Keuring:** Akademiese meriete

**Gelde:** R3720 per jaar of R1860 per semester

**Waar:** Technikon Noord-Transvaal

Engelsmedium

**Nasionale Diploma: Waterversorging**

**Duur:** 6 semesters: 4 semesters voltyds by die Technikon en 2 semesters ervaringsopleiding by 'n goedgekeurde werkgewer

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating (C-simbool gemiddeld) of N4 met 5 toepaslike vakke of suksesvolle voltooiing van die Potentiality Development Programme

**Vakke vereis:** Senior Sertifikaat: Wiskunde (C-simbool), Natuur- en Skeikunde en Engels. N4: Wiskunde (60%) en 'n slaagpunt in Engels

**Keuring:** Aanlegtoetse



**Nota:** Die Potentiality Development Programme is beskikbaar vir studente wie se matrieksimbole nie aan die vereiste standaard voldoen nie. 'n Senior Sertifikaat sonder universiteitstoelating met 'n HG-simbool of 'n E-simbool in Wiskunde en Natuur- en Skeikunde en 'n slaagpunt in Engels, word vir toelating tot die program vereis. 1993-inligting

**Gelde:** 1994: R360 per vak per semester

**Waar:** Technikon Pretoria  
Afrikaans- of Engelsmedium

**Nasionale Diploma: Waterversorging**

**Duur:** 3 jaar op 'n deeltydse basis, formele opleiding sowel as goedgekeurde indiensopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating ('n maksimum van 2 vakke op LG - vakke op LG is slegs toelaatbaar indien dit nie in die onderrigprogram vereis word nie) of N3 met amptelike tale op Senior Sertifikaatvlak

**Keuring:** Akademiese prestasie

**Gelde:** Eerste semester: R450 - R490 per vak; tweede semester: R520 - R566 per vak; derde semester: R464 per vak; vierde semester: R464 per vak; vyfde semester: R474 per vak en sesde semester: R474 per vak

## WEERKUNDE

**Beroep(e):** Weerkundige tegnikus

**Persoonlike vereistes:** Oplettendheid, akkuraatheid en vermoë om onafhanklik te werk

**Aard van werk:** Verskaf weervoorspellings aan die media, lug- en skeepvaart, ens.. Inligting i.v.m. temperature, atmosferiese druk, wolke, sigbaarheid ens. moet noukeurig versamel en saamgestel word en die weerkundige apparaat moet instand gehou word

**Waar:** Technikon Pretoria  
Afrikaans- en Engelsmedium

**Nasionale Diploma: Weerkunde**

**Duur:** 3 jaar voltyds: 2 jaar formele oplei-

ding en 1 jaar toepaslike ervaringsopleiding

**Toetreekwalifikasie:** Senior Sertifikaat sonder universiteitstoelating met 'n maksimum van twee LG-vakke. Vakke op LG is slegs aanvaarbaar indien dit nie in die onderrigprogram vereis word nie

**Vakke vereis:** Wiskunde en Natuur- en Skeikunde HG 40% of SG 50%

**Bykomende vereistes:** Slegs studente in diens van die Departement van Omgewingsake, die weerdienste van die TBVC-lande en Namibië word aanvaar

**Keuring:** Toelating aan keuring onderworpe

**Gelde:** Eerste bywoning: R254 - R480 per vak; tweede bywoning: R370 - R422 per vak; derde bywoning: R190 - R642 per vak; vierde bywoning: R190 - R850 per vak; vyfde bywoning: R370 en sesde bywoning R380 vir prakties

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### ADDRESSES & TELEPHONE NUMBERS OF INSTITUTIONS MENTIONED IN THIS GUIDE ADRESSE & TELEFOONNOMMERS VAN INSTELLINGS GENOEM IN HIERDIE GIDS

The Registrar  
Border Technikon  
P.O. Box 1421  
EAST LONDON  
5200  
Tel.: (0403) 63-1491/7

The Registrar  
Cape Technikon  
P.O. Box 652  
CAPE TOWN  
8000  
Tel.: (021) 460-3911

The Registrar  
M.L. Sultan Technikon  
P.O. Box 1334  
DURBAN  
4000  
Tel.: (031) 308-5111

The Registrar  
Technikon Mangosutho  
P.O. Box 12363  
JACOBS  
4026  
Tel.: (031) 907-1855

The Registrar  
Technikon Natal  
P.O. Box 953  
DURBAN  
4000  
Tel.: (031) 225-2111

The Registrar  
Technikon Northern Transvaal  
Private Bag X7  
PRETORIA NORTH  
0116  
Tel.: (01214) 2005

The Registrar  
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BLOEMFONTEIN  
9300  
Tel.: (051) 407-3911

The Registrar  
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Tel.: (012) 318-5911

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P.O. Box 1906  
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7530  
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Transkei  
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Technikon Witwatersrand  
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