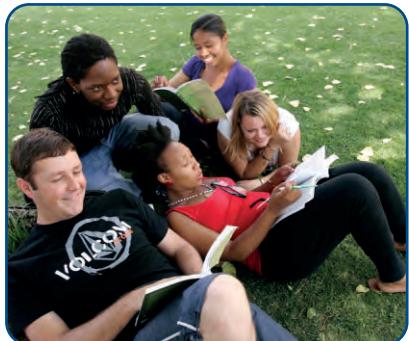




Central University of
Technology, Free State

2013 Prospectus



Thinking Beyond

Central University of Technology Free State (CUT)

1

What we live by...

excellence, quality and inspirational leadership as a cornerstone of a successful university. This information sets out areas in which managers should lead by example and demonstrate appropriate behaviour to the rest of the CUT community. At all times, it is expected of managers to live by institutional and progressive societal values and exhibit the expected behaviours when discharging their duties.

Vision 2020

By 2020, Central University of Technology, Free State, shall be an engaged university that focuses on producing quality social and technological innovations in socio-economic developments, primarily in the central region of South Africa.

Systemic Core Values

A primary core value of any university is academic freedom, which is enshrined in the Bill of Rights of the Constitution of the Republic of South Africa. This core value must be buttressed by institutional autonomy, but within an environment where public accountability is seen as a virtue. Principles and behaviours defined in the Charter must accord with these and the institutional core values below.

Institutional Core Values

- Customer service
- Integrity
- Diversity
- Innovation
- Excellence

Enquiries

Telephonic enquiries

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|--|--|---|
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Website:

www.cut.ac.za or

Bloemfontein: 051 507 3911 | Welkom: 057 910 3500,
and ask to be referred to the director of the relevant school.

Please Note: Indemnification

The information in this publication is subject to change, and CUT accepts no accountability of whatever nature for any damage, now or in the future, sustained as a result of such change. The rules, regulations, policies and procedures, as amended from time to time and effective, subject to change, on the date of registration as a student at CUT, are applicable.

Please note that variations may occur due to resolutions passed by Senate over the course of 2012.

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General Information

1. Registration

Students register for a three-year National Diploma, after which – pending approval by the Programme Head – they qualify to enrol for a fourth year of study to obtain the Baccalaureus Technologiae Degree in those programmes in which such degrees are offered. An exit opportunity at certificate level is available in certain programmes.

2. Research

Applied research is accorded high priority at CUT. Structures have therefore been created to carry out this important task with excellence. Although an urgent need exists for practically oriented contractual and developmental research, there are also ample opportunities for staff and students to conduct research with a view to improving their qualifications.

A Graduate School has also been established with the primary aim of overseeing the development of research at postgraduate level.

3. CUT scale of notation

Introduction

In light of the new National Senior Certificate (NSC) that was introduced in 2008, two sets of criteria are used for admission to CUT. Candidates who earned the Senior Certificate in 2007 or before will still be evaluated and selected for admission on the basis of the old scoring scale, while candidates who earned the NSC in 2008 and thereafter will be evaluated on the basis of the new scoring scale. Both these scales are discussed in more detail in the paragraphs that follow.

3.1 General admission regulations for candidates who matriculated in 2007 or before

3.1.1 A candidate for a university of technology degree, diploma or certificate must be in possession of at least a Grade 12 Certificate or equivalent certificate approved by the Senate.

3.1.2 A candidate for a CUT degree, excluding Baccalaureus Technologiae and Baccalaureus Educationis (FET) degrees and their higher qualifications, must be in possession of a Matriculation Exemption Certificate or Conditional Exemption Certificate.

3.1.3 Applicants already in possession of a Grade 12 Certificate or equivalent may apply for admission to a degree, diploma or certificate. In this case, the application is assessed using the assessment criteria published on the applicant's Grade 12 Certificate or equivalent results.

3.1.4 In the cases specified in section 3.1.3, the general minimum score qualifying the candidate for acceptance as a student are as published for the year in question. The admission criteria applicable to each programme of study are as specified in the CUT Prospectus.

3.1.5 Only a person holding a Grade 12 Certificate or equivalent may be admitted as a student for a post-secondary qualification. However, CUT may exempt a person from this criterion on the basis of the outcome of an individual Recognition of Prior Learning (RPL) assessment. Applications for such RPL assessment may be lodged with the Assessment and Graduation Unit.

3.1.6 If a candidate meets the minimum subject requirements for a degree, diploma or certificate, but scores less than the minimum points on the CUT scoring scale, CUT will consider the following aspects:

3.1.6.1 There must be a place available for the candidate in the particular learning programme.

3.1.6.2 The candidate may be subject to selection in the case of learning programmes where this is a requirement (see section pertaining to the specific requirements of each programme).

3.1.7 If an applicant fails to qualify for admission to CUT in terms of these regulations, he/she may be subject to the testing of potential in terms of section 3.1.7.2 below:

3.1.7.1 Candidates must meet the necessary subject requirements for the various learning programmes.

3.1.7.2 The following measuring instruments are used to test potential:

3.1.7.2.1 Appropriate foundation programmes, as determined by the Senate;

3.1.7.2.2 Assessment of the prior experience of mature learners;

3.1.7.2.3 Results achieved in the General Scholastic Aptitude Test (GSAT), which determines the potential of a candidate, as well as the English Proficiency Test, which measures a candidate's understanding of and proficiency in English;

3.1.7.2.4 Grade 12 results; and

3.1.7.2.5 Any other measuring instrument as determined by the Senate or the Council.

3.1.7.3 The results of the above-mentioned measuring instruments are used in accordance with the following guidelines:

3.1.7.3.1 The results are arranged in sequence of achievement.

3.1.7.3.2 The best candidates are accepted in accordance with the needs and vacancies in the specific learning programme.

3.1.7.3.3 A candidate who is not selected may be reconsidered at a subsequent selection opportunity where the same procedures as those described above will be followed.

3.1.7.3.4 The candidate must deliver proof that he/she is able to express himself/herself in English, both verbally and in writing, so that he/she can benefit fully from the learning programme of his/her choice; provided that some programmes set higher requirements with regard to language proficiency. A candidate will be offered a place in a postgraduate programme on condition that he/she possesses a minimum level of proficiency in English.

3.1.7.4 **For candidates who matriculated in 2007 or before, CUT awards academic weights for achievement according to the following scoring scale:**

| Symbol obtained in Grade 12 Subject | A | B | C | D | E |
|-------------------------------------|---|---|---|---|---|
| Higher Grade | 8 | 7 | 6 | 5 | 4 |
| Standard Grade | 6 | 5 | 4 | 3 | 2 |

3.2 **General admission regulations for candidates who completed the National Senior Certificate (NSC) in 2008 and thereafter**

3.2.1 A candidate for a university of technology degree, diploma or certificate must be in possession of at least the NSC or equivalent certificate approved by the Senate.

3.2.2 A candidate must score at least 27 or more points on the CUT scoring scale for the NSC examination for admission to CUT. (See the CUT scoring scale in section 3.2.8 below for the appropriate weights according to which the above-mentioned totals are calculated.) However, admission to a particular programme is subject to the requirements of that programme (see section pertaining to the regulations applicable to learning programmes).

3.2.3 Life Orientation forms part of the final score, with a maximum value of 1.

3.2.4 A pass mark of 50 % for English as Home Language (Vernacular) or First Additional Language is also required, since English serves as language of learning and teaching (LOLT) at CUT.

3.2.5 If a candidate meets the minimum subject requirements for the degree, diploma or certificate but scores less than the minimum points on the CUT scoring scale for the NSC examination, CUT will consider the following aspects:

3.2.5.1 There must be a place available for the candidate in the particular learning programme.

3.2.5.2 The candidate may be subject to selection in the case of learning programmes where this is a requirement (see section pertaining to the specific requirements of each programme). If an applicant fails to qualify for admission to CUT in terms of these regulations, he/she may be subject to the testing of potential in terms of section 3.2.6 below.

3.2.6 **Regulations pertaining to the testing of potential**

3.2.6.1 The candidate must meet the necessary subject requirements for the learning programme in question.

3.2.6.2 The following measuring instruments are used to test the potential of a candidate:

3.2.6.2.1 Appropriate Extended Curriculum programmes, as determined by the Senate;

3.2.6.2.2 Assessment of the prior experience of mature learners;

3.2.6.3 The results achieved in the General Scholastic Aptitude Test (GSAT), which is a test that determines the potential of a candidate, as well as the English Proficiency Test, which measures a candidate's understanding of and proficiency in English;

3.2.6.4 NSC results; and

3.2.6.5 Any other measuring instrument as determined by the Senate or Council.

3.2.7 The results of the above-mentioned measuring instruments are used in accordance with the following guidelines:

3.2.7.1 The results are arranged in sequence of achievement.

3.2.7.2 The best candidates are accepted in accordance with the needs and vacancies of the specific learning programme.

3.2.7.3 A candidate who is not selected may be reconsidered at a subsequent selection opportunity, where the same procedures as those described above will be followed.

3.2.7.4 The candidate must deliver proof that he/she is able to express himself/herself well in English, both verbally and in writing, so that he/she can benefit fully from the learning programme of his/her choice. Some programmes, however, set higher requirements with regard to language proficiency. A candidate will be offered a place in a postgraduate programme on condition that he/she possesses a minimum level of proficiency in English.

3.2.8 **For candidates who completed the NSC in 2008 and thereafter, CUT awards academic weights for achievement according to the following scoring scale:**

| % obtained in NSC subject | 0-29% | 30-39% | 40-49% | 50-59% | 60-69% | 70-79% | 80-89% | 90-100% |
|---------------------------|-------|--------|--------|--------|--------|--------|--------|---------|
| Points rating for % value | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

Please note: A candidate must achieve a score of at least 3 (40 - 49%) in Life Orientation. Even if a higher mark is achieved in Life Orientation, the value will still only be calculated as 1.

A candidate who scores less than 27 points on the CUT scoring scale in the July or subsequent NSC examination is considered to be a candidate who does not possess the necessary skills to successfully pursue a course of study at CUT under the prevailing circumstances. Such a candidate will not be admitted to CUT.

3.2.9 A candidate is expected to possess a minimum level of proficiency in English, since this serves as the Language of Learning and Teaching (LOLT) at CUT. A mark of 50% in English as Home Language (Vernacular) or First Additional Language is therefore considered to be sufficient, although any proof of proficiency in the English language will also be taken into consideration. In this regard, see section 3.2.4 above and the Language Policy of CUT.

3.2.10 A candidate may be expected to attend an interview, undergo a selection test, and/or make a written presentation to the head of the relevant programme. Candidates who have not recently been engaged in study and who apply for admission to postgraduate studies are normally invited for such an interview or are requested to undergo a selection test and/or make a written presentation. No offer of admission to CUT will be made during such an interview or selection opportunity. Any offer of admission to CUT will be in writing and mailed to the candidate.

3.2.11 Applications of foreign candidates are considered in accordance with the same regulations as those applicable to other candidates; provided that the foreign qualifications of such candidates are considered equivalent by the South African Qualifications Authority (SAQA). Foreign candidates must complete and submit the application form for international students, and must also meet any and all requirements that may be set for higher education studies in South Africa.

4. **Extended Curriculum Programme (ECP)**

Considering that the ECP is subject to additional funding being made available by the Department of Higher Education and Training (DHET), a student will not be allowed to repeat the first year or part of the first year of the ECP.

A student must pass all instructional offerings of the first year of the ECP in order to continue with the subsequent year of study in the ECP.

A student enrolled in the ECP may not change to the regular programme even after successfully completing the first year of the ECP. The student must complete the ECP in full.

5. **Compulsory Academic Literacy and Personal Competencies Module**

It has become increasingly evident that a large proportion of students, irrespective of their level of achievement in high school, are in general not sufficiently equipped in language proficiency and personal competencies (life skills) to successfully pursue studies in higher education. Even students with high academic potential often struggle to progress in their studies due to a low level of academic literacy in general.

CUT has therefore decided to introduce compulsory fundamental modules to improve the entry-level proficiency of all first-year students. These modules include learning experiences in language proficiency, academic literacy, and personal competencies / life skills.

At the beginning of the academic year, all first-year students will be tested for language proficiency, and any student who fails this test will be expected to complete the Language Proficiency Module (course) in English. The module is credit-bearing and will be assessed through summative and formative assessment methods. The work completed in this module intends to equip the student with the necessary language proficiency and academic literacy skills required for studies in higher education.

Academic Literacy

All first-year students registering for the first time at CUT must take the Academic Language Proficiency (ALP) test, unless they have successfully completed a language proficiency module in English at another institution of higher learning. Evidence of credits earned in such cases must be provided. The compulsory ALP test assesses the student's ability to apply his/her linguistic competence, which derives from knowledge and experience gained at school level.

Personal Competencies / Life Skills

It is compulsory for all first-year students to engage in learning experiences aimed at supporting and developing the personal proficiency of students at entry level. These units are developed in articulation with personal competencies as reflected in the twelve critical outcomes mandated by the DHET. Students will only earn the prescribed credits, which are required for graduation, upon submission of a portfolio of evidence testifying to competence in all activities related to the twelve units. Amongst other things, students will be exposed to learning experiences in effective study methods, critical and creative thinking skills, and analytical decision-making skills. Such knowledge and skills are intended to equip first-year students with the necessary proficiency required for success in higher education.



Faculty of Management Sciences

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General

The planning and development of CUT's courses is based on the expert advice of consultative committees and specialists in business, commerce, the public sector and industry. All courses are vocationally oriented and based on a rigorous analytical approach.

It is the Faculty's objective to prepare graduates for professional business and public management practice. As a result of adopting a unique approach to business and public management training, the employment rate of our graduates is extremely high. If you are interested in a career in the field of Accounting, Financial Information Systems, Management, Office Management and Technology, Marketing, Public Management, Sport Management, Tourism Management or Hospitality Management, this Faculty is the place to be.

The offering of any programme is subject to a minimum number of candidates expressing interest therein and/or being selected for that specific programme.

Qualification Structure

The National Diploma is a three-year, full-time, career-oriented qualification. After completing the National Diploma, the student may continue with a fourth year of study to obtain the *Bacca*laureus *Technologiae* (BTech) degree. A student who is already part of the active workforce and who possesses an M+3 qualification (or equivalent) may complete the BTech degree part time over a two-year period (or over a one-year period in the case of the BTech: Public Management). Students also have the opportunity to enrol for the *Magister Technologiae* (MTech) and *Doctor Technologiae* (DTech) degrees.

In the School of Accounting, students must first complete the two-year National Higher Certificate on a full-time basis before they may enrol for the National Diploma in their third year. Thereafter, students may progress to the BTech, MTech and DTech degrees.

School for Entrepreneurship and Business Development

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1. National Diplomas

1.1 National Diploma: Human Resources Management

BPNDHL

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| Senior Certificate or equivalent qualification | Yes | No |

This programme will be offered in Bloemfontein, Welkom and Kimberley.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| PBS10CB | | | Human Resources Management I |
| OND10AB | | | Business Management I |
| ACC10AB | | | Accounting for Personnel Practitioners or |
| KWN10AB | | | Quantitative Techniques I |
| RVB10AB | | | End-User Computing I |
| ARG10BB | | | Labour Law |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | PBS20CB | | Human Resources Management II |
| | OND20AB | | Business Management II |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|--|
| | OBS10AB | | Management of Training I |
| | NYW10AB | | Industrial Relations I |
| | ENS10AB | | English (Language X) |
| | WIL22ZB | | Work-Integrated Learning: Human Resources Management |
| | | PBS30CB | Human Resources Management III |
| | | OND30AB | Business Management III |
| | | OBS20AB | Management of Training II |
| | | NYW20AB | Industrial Relations II |
| | | WIL32ZB | Work-Integrated Learning |

Career Opportunities

Human resources development practitioner, human resources manager, industrial relations specialist, training specialist.

1.2 National Diploma: Marketing

BBNDBR

| Admission requirements | Selection | Interview |
|---|-----------|-----------|
| National Senior Certificate or equivalent qualification | Yes | No |

This programme will be offered in Bloemfontein, Welkom and Kimberley.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|--------------------------------|----------------------|----------------------|---|
| BMR10DB | | | Marketing I |
| EKN10EB | | | Economics I |
| OND10AB | | | Business Management I |
| PVK10AB | | | Personal Selling I |
| RVB10AB | | | End-User Computing I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | RKB10AB | | Accounting for Marketers I |
| | KWN10AB | | Quantitative Techniques I |
| | HRG10CB | | Mercantile Law I |
| Strategic Direction | | | |
| | BMR20CB | | Marketing II |
| | VBG10AB | | Consumer Behaviour I |
| International Direction | | | |
| | *IBM20AB | | International Marketing II |
| | *IOB20AB | | International Business Management II |
| | RKL10CB | | Advertising and Sales Promotion I |
| | MRK30BB | | Marketing Research III |
| | AFS11AB | | Afrikaans (Language X) or |
| | ENS11BB | | English (Language X) |
| | EXL12ZB | | Experiential Learning: Marketing |
| Strategic Direction | | | |
| | VBS30CB | | Sales Management III |
| | BMR30CB | | Marketing III |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|--------------------------------|----------------------|----------------------|-----------------------------|
| International Direction | | | |
| | | *IBM30BB | International Marketing III |
| | | *IFN30AB | International Finance III |

Career Opportunities

Marketer, marketing manager, sales manager, advertising manager, marketing researcher, export agent, export manager, employee in the international division of a bank.

**Only offered in Bloemfontein.*

1.3 National Diploma: Office Management and Technology

BSNDTD

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| Senior Certificate or equivalent qualification | Yes | No |

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 360

NOF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|---|----------------------|----------------------|--|
| Compulsory instructional offerings: | | | |
| IAD10AS | | | Information Administration I |
| SAD10BS | | | Business Administration I |
| KOI10AS | | | Kommunikasie I or |
| COM10AS | | | Communication I |
| ERV10ZB | | | Work-Integrated Learning |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| Optional instructional offerings: | | | |
| Any one of the following: | | | |
| HRG10CB | | | Mercantile Law I |
| PBS10CB | | | Human Resources Management I |
| REK10CB | | | Financial Accounting I |
| RGP10AB | | | Legal Practice I |
| Compulsory instructional offerings: | | | |
| | IAD20AS | | Information Administration II |
| | SAD20BS | | Business Administration II |
| | KOI20AS | | Kommunikasie II or |
| | COM20AS | | Communication II |
| | ERV20ZB | | Work-Integrated Learning II |
| Any one of the following not previously taken: | | | |
| | HRG10CB | | Mercantile Law I |
| | PBS10CB | | Human Resources Management I |
| | REK10CB | | Financial Accounting I |
| | RGP10AB | | Legal Practice I |
| Compulsory instructional offerings: | | | |
| | | IAD30AS | Information Administration III |
| | | SAD30BS | Business Administration III |
| | | ERV30ZS | Work-Integrated Learning III |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|---|----------------------|----------------------|-------------------------------|
| Any two of the following not previously taken: | | | |
| | | HRG10CB | Mercantile Law I |
| | | HRG20BB | Mercantile Law II |
| | | PBS10CB | Human Resources Management I |
| | | PBS20CB | Human Resources Management II |
| | | REK10CB | Financial Accounting I |
| | | REK20CB | Financial Accounting II |
| | | RGP10AB | Legal Practice I |
| | | RGP20AB | Legal Practice II |

Remarks

At least **one** optional instructional offering must be taken up to level II.

The candidate will be expected to complete a minimum of 12 weeks of Work-Integrated Learning at any approved institution.

Career Opportunities

Secretary, data processor, administrative assistant, management assistant, personal assistant, legal secretary, personnel officer, administrative officer, administrative office manager.

2. Baccalaureus Technologiae Degrees

2.1 Baccalaureus Technologiae: Business Administration

BBBTAS

| |
|---|
| Admission requirements |
| For candidates who matriculated in 2007 or before: |
| <ul style="list-style-type: none"> ■ Approved M+3 or equivalent qualification. ■ Industry experience of at least six months is recommended. ■ A mark of 50% in one of the following subjects is a prerequisite: <ul style="list-style-type: none"> ■ Accounting Skills ■ Accounting for Marketers ■ Accounting for Personnel Practitioners ■ Financial Accounting I |
| For candidates who completed the NSC in 2008 and thereafter: |
| <ul style="list-style-type: none"> ■ National Diploma: Business Administration, with a minimum mark of 50% in Accounting Skills, or Accounting for Marketers, or Accounting for Personnel Practitioners, or Financial Accounting I. ■ Industry experience of at least 24 months is recommended. |
| Selection: Yes |
| Interview: None |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 2 years

Instructional Offerings

| Year One (2013) | | Instructional Offerings |
|-----------------|------------|---------------------------------|
| Semester 1 | Semester 2 | |
| FBS41AB | | Management Practice IV |
| FRA41BB | | Financial Accounting Aspects IV |
| NWR21AB | | Labour Relations and Law II |
| | BSE32AB | Management Economics III |
| | FNB42BB | Financial Management IV |

| Year Two (2014) | | Instructional Offerings |
|-----------------|------------|---|
| Semester 1 | Semester 2 | |
| BAS41AB | | Management Accounting Aspects IV |
| HLP21AB | | Human Resources Management II |
| NMT11BB | | Research Methodology I |
| | PDK22AB | Production and Purchasing Management II |
| | BIN22AB | Management Information Systems II |
| | BBS32AB | Marketing Management III |

All instructional offerings are compulsory, and any application for subject recognition will be considered ONLY for subjects completed at BTech or equivalent level, not lower.

Career Opportunities

Divisional manager, information systems officer, human resources practitioner, purchaser, asset control clerk/assistant, debtor/creditor.

The aim of the programme is to provide practical and academically based professional training for current and aspiring managers in the field of business practice, as well as all functional aspects of management.

2.2 Baccalaureus Technologiae: Human Resources Management BPBTHR

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ Appropriate M + 3 qualification with at least: <ul style="list-style-type: none"> ■ Industrial Relations and Management of Training at second-year level; and ■ Human Resources Management and Business Management at third-year level. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Human Resources Management, or equivalent qualification, with the specific prescribed instructional offerings as stipulated above. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein, Welkom and Kimberley.

SAQA credits: 132

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|------------------------------------|
| GNV40AB | Advanced Industrial Relations IV |
| AMT40AB | Advanced Management of Training IV |
| GSB40BB | Advanced Strategic Management IV |
| APM40AB | Human Resources Management IV |
| ORG40BB | Organisational Behaviour IV |
| NMT10AB | Research Methodology |

Career Opportunities

Human resources development officer, human resources manager, industrial relations specialist, training specialist.

2.3 Baccalaureus Technologiae: Marketing

BBBTMQ

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Marketing, or equivalent M+3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Marketing, or equivalent qualification, with appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|-------------------------------|
| GBV40AB | Advanced Marketing Finance IV |
| MAR40AB | Marketing IV |
| TBE40AB | Applied Marketing IV |
| EKN20CB | Economics II |

Career Opportunities

Marketer, marketing manager, sales manager, advertising manager, marketing researcher, export agent, export manager, employee in the international division of a bank.

2.4 Baccalaureus Technologiae: Office Management and Technology BSBTSJ

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Office Management and Technology or equivalent M+3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Office Management and Technology, or equivalent qualification, with appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|--|
| IAD40AB | Information Administration IV |
| SAD40AB | Business Administration IV |
| ARB10AB | Labour and Immaterial Law I |
| KGA10AB | Office Administration: Behavioural Aspects I |
| NMT10AB | Research Methodology I |

Remarks

Accounting Skills I or Financial Accounting I is a prerequisite for Business Administration IV.

Career Opportunities

Secretary, data processor, administrative assistant, management assistant, personal assistant, legal secretary, personnel officer, administrative officer, administrative office manager.

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2.5 Baccalaureus Technologiae: Project Management

BEBTPJ

Admission requirements

- Any SAQA-accredited M + 3 qualification or RPL (only for admission to the programme.)
- Industry experience of at least two years is recommended.
- Applicants with higher qualifications and more than the minimum two years of working experience will be given first preference.
- Applicants may be required to undergo a selection test.
- The programme requires computer literacy, particularly in Microsoft Word and Microsoft Excel, and therefore applicants must be competent in such software.
- No credit transfers are allowed. Students must register for and pass all programme subjects/modules.
- RPL applicants must submit their applications no later than June, as this process can take considerable time. No late RPL applications will be accepted.

Selection: Yes

Interview: Yes

This programme will be offered in Bloemfontein and Welkom on a contact basis. This is not a distance learning programme.

SAQA credits: 132

NQF level: 7

Duration Of Programme: 2 years (part-time only)

Instructional Offerings

| Year One (2012) | | Instructional Offerings |
|-----------------|------------|-------------------------------|
| Semester 1 | Semester 2 | |
| | PKB40AB | Project Management Process IV |
| SBE41AB | | Strategic Management IV |
| | ENT42AB | Entrepreneurship IV |

| Year Two (2013) | | Instructional Offerings |
|-----------------|------------|-------------------------|
| Semester 1 | Semester 2 | |
| PKG41AB | | Project Quality IV |
| | PKN40AB | Project Research IV |
| | PHB41AB | Project Resources IV |
| ONV42AB | | Operational Research IV |
| | PKA42AB | Project Accounting IV |

Careers Opportunities

Project manager, planner, leader, administrator, co-ordinator, consultant, team leader.

The aim of the programme is to provide the qualified student with the necessary skills to initiate, plan, execute, control and terminate a project.

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Programme Head: Cost and Management Accounting

Mr IG Dikgole

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1. National Higher Certificates

1.1 National Higher Certificate: Accounting

BRHSAB

Admission requirements

- National Senior Certificate or an equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a mark of 50% on Higher Grade or 60% on Standard Grade in Accounting is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 50% in Accounting is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein, Welkom and Kimberley on a full-time basis only.

SAQA credits: 264

NQF level: 5

Duration Of Programme: 2 years

Instructional Offerings

| 1 st Year | | Instructional Offerings |
|----------------------|------------|--------------------------|
| Semester 1 | Semester 2 | |
| REK11CB | REK12CB | Financial Accounting I |
| COM11AB | | Communication I |
| BCL11AB | | Business Calculations I |
| | EVG12AB | Entrepreneurial Skills I |

| 1 st Year | | Instructional Offerings |
|----------------------|----------------|---|
| BIS11AB | BIS12AB | Business Information Systems I |
| EKN11EB | EKN12EB | Economics I |
| | KRK12AB | Cost Accounting I |
| | CLA12AB | Commercial Law for Accountants I |
| PRE1A PRE2B | | English Proficiency and English Proficiency |
| | PRE2A PRE1B | English Proficiency and English Proficiency |

| 2 nd Year | | Instructional Offerings |
|----------------------|------------|-----------------------------------|
| Semester 1 | Semester 2 | |
| REK21CB | REK22CB | Financial Accounting II |
| KRK21AB | KRK22AB | Cost Accounting II |
| ATS11AB | ATS12AB | Accounting Software I |
| CLA21AB | CLA22AB | Commercial Law for Accountants II |
| ODT21BB | ODT22BB | Auditing II |
| | BEL12BB | Taxation I |

Upon completion of the first two years of study, the student is awarded the National Higher Certificate. Pending approval by the Programme Head, the student then qualifies to enrol for a third year of study to obtain the National Diploma in either Internal Auditing or Cost and Management Accounting.

Career Opportunities

Accounting assistant, junior bookkeeper, audit assistant.

This generic qualification also forms the basis for further studies in Internal Auditing or Cost and Management Accounting.

1.2 National Higher Certificate: Financial Information Systems BRHSFA

| Admission requirements |
|--|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, a minimum mark of 60% on Higher Grade or 70% on Standard Grade in Accounting is required. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a minimum mark of 60% in Accounting is required. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 264

NQF level: 5

Duration Of Programme: 2 years

Instructional Offerings

| 1 st Year | | Instructional Offerings |
|----------------------|------------|---------------------------------|
| Semester 1 | Semester 2 | |
| REK11CB | REK12CB | Financial Accounting I |
| COM11AB | | Communication I |
| BCL11AB | | Business Calculations I |
| | EVG12AB | Entrepreneurial Skills I |
| FIL11AB | FIL12AB | Financial Information Systems I |
| | KRK12AB | Cost Accounting I |

| 1 st Year | | Instructional Offerings |
|----------------------|----------------|---|
| | CLA12AB | Commercial Law for Accountants I |
| PRE1A PRE2B | | English Proficiency and English Proficiency |
| | PRE2A PRE1B | English Proficiency and English Proficiency |

| 2 nd Year | | Instructional Offerings |
|----------------------|------------|----------------------------------|
| Semester 1 | Semester 2 | |
| REK21CB | REK22CB | Financial Accounting II |
| KRK21AB | KRK22AB | Cost Accounting II |
| SOS11AB | SOS12AB | Software Skills I |
| FIL21AB | FIL22AB | Financial Information Systems II |
| ODT21BB | ODT22BB | Auditing II |
| | BEL12BB | Taxation I |

Upon completion of the first two years of study, the student is awarded the National Higher Certificate. Pending approval by the Programme Head, the student then qualifies to enrol for a third year of study to obtain the National Diploma.

Career Opportunities

Accounting assistant, junior bookkeeper, assistant database administrator, junior computer auditor, financial assistant.

2. National Diplomas

2.1 National Diploma: Cost and Management Accounting

BRNDTJ

| Admission requirements | Selection | Interview |
|---|-----------|-----------|
| National Higher Certificate: Accounting | Yes | No |

This programme will be offered in Bloemfontein, Welkom and Kimberley.

SAQA credits: 120

NQF level: 6

Duration Of Programme: 1 year

Instructional Offerings

| 3 rd Year | | Instructional Offerings |
|----------------------|------------|-------------------------------|
| Semester 1 | Semester 2 | |
| BEL21BB | BEL22BB | Taxation II |
| CRP21AB | | Corporate Procedures II |
| | BSS22AB | Business Statistics II |
| REK31CB | REK32CB | Financial Accounting III |
| BSR31AB | BSR32AB | Management Accounting III |
| ORM31AB | ORM32AB | Organisational Management III |

Career Opportunities

Career opportunities exist in the manufacturing and mining industries, as well as in the public and private sectors. Management accountants provide financial managers with important information that allows them to make informed business decisions, and therefore they play an important role in the planning, control and evaluation of business processes.

2.2 National Diploma: Financial Information Systems

BCNDFL

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| National Higher Certificate: Financial Information Systems | Yes | No |

This programme will be offered in Bloemfontein.

SAQA credits: 132

NQF level: 6

Duration Of Programme: 1 year

Instructional Offerings

| 3 rd Year | | Instructional Offerings |
|--|------------|-----------------------------------|
| Semester 1 | Semester 2 | |
| Compulsory instructional offerings: | | |
| REK31CB | REK32CB | Financial Accounting III |
| FIL31AB | FIL32AB | Financial Information Systems III |
| SOS21AB | SOS22AB | Software Applications II |
| EKN11EB | | Economics I |
| | EHA12AB | e-Commerce |
| Optional instructional offerings: | | |
| IDT31DB | IDT32DB | Internal Auditing III or |
| BSR31AB | BSR32AB | Management Accounting III or |
| BEL21BB | BEL22BB | Taxation II |

Remarks

Candidates will be expected to undergo Work-Integrated Learning during vacation periods.

Career Opportunities

Database administrator, enterprise resource planner, systems developer, financial accountant, accounting information systems administrator, internal auditor, information systems auditor.

2.3 National Diploma: Internal Auditing

BRNDAJ

| Admission requirements | Selection | Interview |
|---|-----------|-----------|
| National Higher Certificate: Accounting | Yes | No |

This programme will be offered in Bloemfontein, Welkom and Kimberley.

SAQA credits: 120

NQF level: 6

Duration Of Programme: 1 year

Instructional Offerings

| 3 rd Year | | Instructional Offerings |
|----------------------|------------|---------------------------------|
| Semester 1 | Semester 2 | |
| BEL21BB | BEL22BB | Taxation II |
| BIS21AB | BIS22AB | Business Information Systems II |
| CRP21AB | | Corporate Procedures II |
| | STC22AB | Statistics II |
| REK31CB | REK32CB | Financial Accounting III |
| IDT31DB | IDT32DB | Internal Auditing III |

Career Opportunities

Internal auditing is an independent, objective assurance and consulting activity designed to add value to and improve an organisation's operations. The internal auditor serves the management team of the organisation, and career opportunities exist in most large organisations, as well as in the public and private sectors.

3. Baccalaureus Technologiae Degrees

3.1 Baccalaureus Technologiae: Cost and Management Accounting BRBTNA

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| National Diploma: Cost and Management Accounting | Yes | No |

This programme will be offered in Bloemfontein, Welkom and Kimberley.

SAQA credits: 132

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | | Instructional Offerings |
|----------------------|------------|-----------------------------------|
| Semester 1 | Semester 2 | |
| FNS41BB | FNS42BB | Financial Management IV |
| FNR41AB | FNR42AB | Financial Reporting IV |
| BSR41AB | BSR42AB | Management Accounting IV |
| SJM41AB | SJM42AB | Systems and Project Management IV |
| NMT11BB | | Research Methodology I |
| BNE41AB | | Business Ethics IV |
| | BNS22AB | Business Strategy II |

Career Opportunities

Career opportunities exist in the manufacturing and mining industries, as well as in the public and private sectors. Management accountants provide financial managers with important information that allows them to make informed business decisions, and therefore they play an important role in the planning, control and evaluation of business processes.

3.2 Baccalaureus Technologiae: Financial Information Systems BCBTFA

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: ■ National Diploma: Financial Information Systems. |
| For candidates who completed the NSC in 2008 and thereafter: ■ National Diploma: Financial Information Systems, or equivalent qualification, with appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 132

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | | Instructional Offerings |
|--|------------|----------------------------------|
| Semester 1 | Semester 2 | |
| Compulsory instructional offerings: | | |
| | FNB42BB | Financial Management IV |
| FNR41AB | FNR42AB | Financial Reporting IV |
| FIL41AB | FIL42AB | Financial Information Systems IV |
| NMT11BB | | Research Methodology I |
| BNE41AB | | Business Ethics IV |

| 4 th Year | | Instructional Offerings |
|--|---------|-----------------------------|
| | BNS22AB | Business Strategy II |
| | FEX42ZB | Work-Integrated Learning IV |
| Optional instructional offerings: | | |
| BSR41AB | BSR42AB | Management Accounting IV or |
| IDT41AB | IDT42AB | Internal Auditing IV or |
| OND41AB | OND42AB | Business Management IV |

Career Opportunities

Application designer, business analyst, data analyst, database manager, financial analyst, financial IT specialist, financial accountant, cost and management accountant, IT accountant, internal auditor, information systems analyst, management information analyst.

3.3 Baccalaureus Technologiae: Internal Auditing

BRBTIA

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Internal Auditing. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Internal Auditing, or equivalent qualification, with appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 132

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | | Instructional Offerings |
|----------------------|------------|---|
| Semester 1 | Semester 2 | |
| | FNB42BB | Financial Management IV |
| IDT41AB | IDT42AB | Internal Auditing IV |
| BSR31AB | BSR32AB | Management Accounting III |
| IRG11BB | | International Law I |
| NMT11BB | | Research Methodology I |
| BNE41AB | | Business Ethics IV |
| | RSP42AB | Research Project |
| MCS21AB | | Advanced Management Communication Skills II |
| | ISA42AB | Information Systems Auditing IV |

Career Opportunities

Internal auditing is an independent, objective assurance and consulting activity designed to add value to and improve an organisation's operations. The internal auditor serves the management team of the organisation, and career opportunities exist in most large organisations, as well as in the public and private sectors.

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1. National Diploma

1.1 National Diploma: Public Management

BOND PB

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| Senior Certificate / NSC or equivalent qualification | Yes | No |

This programme will be offered in Bloemfontein and Kimberley.

A candidate for the National Diploma: Public Management must compile the prescribed curriculum with due observance of the faculty and general regulations of CUT.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | | Instructional Offerings |
|----------------------|----------------|---|
| Semester 1 | Semester 2 | |
| PEM11AB | | Public Resource Management I |
| PTS11AB | | Public Information Services I |
| POM11AB | | Public Office Management I |
| | PDM12AB | Public Decision-Making I |
| | PSD12AB | Public Service Delivery I |
| | SLM12AB | Self-Management I |
| PRE1A PRE2B | | English Proficiency and English Proficiency |
| | PRE2A PRE1B | English Proficiency and English Proficiency |

| 2 nd Year | | Instructional Offerings |
|----------------------|------------|---------------------------------|
| Semester 1 | Semester 2 | |
| PFM21AB | | Public Financial Management II |
| PIP21AB | PIP22AB | Public Information Practices II |

| 2 nd Year | | Instructional Offerings |
|----------------------|---------|---|
| PHR21AB | | Public Human Resource Management II |
| | FOR22AB | Fundamentals of Research II |
| | POB22AB | Project Management II |
| | PLM22AB | Procurement and Logistics Management II |

| 3 rd Year | | Instructional Offerings |
|----------------------|------------|--|
| Semester 1 | Semester 2 | |
| MOI31AB | | Management of Information III |
| FPM31AB | | Financial and Procurement Management III |
| PHR31AB | | Public Human Resource Management III |
| | PCS32AB | Policy Studies III |
| | INC32AB | Intersectoral Collaboration III |
| | PMP32AB | Public Management Practice III |
| | PGB32AB | Programme Management III |

Career Opportunities

Public sector positions in the fields of general management, financial management, human resources management and the political milieu (i.e. national, regional and local government). Owing to the wide variety of duties and activities in the public sector, public functionaries are employed at institutions throughout the country. There are several fields of interest, including auditing, financial and procurement management, human resources management, office management, project management, and governmental relations.

2. Baccalaureus Technologiae Degree

2.1 Baccalaureus Technologiae: Public Management

BOBTPA

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Public Management or equivalent M+3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Public Management, or equivalent qualification, with appropriate instructional offerings. |
| ■ If the applicant is in possession of an equivalent qualification, he/she must also be permanently employed in the public sector. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein and Kimberley.

A student registering for the Baccalaureus Technologiae: Public Management must compile the prescribed curriculum with due observance of the faculty and general regulations of CUT.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | | Instructional Offering |
|----------------------|------------|--|
| Semester 1 | Semester 2 | |
| PAC41AB | | Public Accountability IV |
| PPM41AB | | Public Policy Management IV |
| PHR41AB | | Public Human Resource Management IV |
| | RIM42AB | Research and Information Management IV |
| | GVR42AB | Governmental Relations IV |
| | SUM42AB | Strategic Public Management IV |

Career Opportunities

Public sector positions in the fields of general management, financial management, human resources management and the political milieu (i.e. national, regional and local government). Owing to the wide variety of duties and activities in the public sector, public functionaries are employed at institutions throughout the country. There are several fields of interest, including auditing, financial and procurement management, human resources management, office management, project management, and governmental relations.

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1. National Diplomas

1.1 National Diploma: Hospitality Management

BGNDGC**Admission requirements**

- Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 40% in one of the following subjects is recommended: Accounting, Mathematics, Business Economics, Economics, Mercantile Law, Hotel-keeping & Catering, or Home Economics. Candidates with 32 points or more on the CUT scoring scale will be automatically admitted to this programme. Due to the relatively high demand for places in this programme, no applicant with a score lower than 24 on the CUT scoring scale will be considered for selection (RPL cases excluded.)

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a candidate will also be subject to a selection test and an interview. Consumer Science, Hospitality Studies, Accounting or Business Studies is recommended. Candidates with 32 points or more on the CUT scoring scale will be automatically admitted to the programme, subject to any other conditions that may apply. Due to the relatively high demand for places in this programme, no applicant with a score lower than 24 on the CUT scoring scale will be considered for selection (RPL cases excluded.)

Selection: Yes**Interview:** Yes

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | Instructional Offerings |
|----------------------|--|
| ACM10AT | Accommodation Management I: Theory |
| ACP10AT | Accommodation Management I: Practical |
| COU10AT | Hospitality Communication I |
| CNT10AB | Culinary Studies: Theory I |
| CNR10AB | Culinary Studies: Practical I |
| NTT10AB | Nutrition I |
| GAB10AT | Hospitality Management I |
| GAI10AT | Hospitality Information Systems I |
| HFM10AT | Hospitality Financial Management I |
| HHS10AT | Hospitality Health and Safety I |
| SRE10AT | Service Excellence I |
| FBT10AB | Food and Beverage Studies: Theory I |
| FBP10AB | Food and Beverage Studies: Practical I |
| IDW00BV | Introduction to Wine (short course) |
| FAD00BV | First Aid (short course) |
| KNF00BV | Knife Set |
| UFM00BV | Uniform |
| PRE1A | English Proficiency and |
| PRE2B | English Proficiency |

| 2 nd Year | | Instructional Offerings |
|----------------------|---------|--|
| January | July | |
| GAE21ZT | | Hospitality Management Work-Integrated Learning II |
| HFM21AT | HFM22AT | Hospitality Financial Management II |
| | HIL12AT | Hospitality Industry Law I |
| GAB21AT | GAB22AT | Hospitality Management II |
| | GAI22AT | Hospitality Information Systems II |
| | KOM22AT | Hospitality Communication II |
| | CSN22AT | Culinary Studies & Nutrition II |
| | STU22AT | Food and Beverage Studies II |
| ACM21AT | ACM22AT | Accommodation Management II |

| 3 rd Year | | Instructional Offerings |
|----------------------|---------|---|
| January | July | |
| GAE31ZT | GAE32ZT | Hospitality Management Work-Integrated Learning III |
| HFM31AT | HFM32AT | Hospitality Financial Management III |
| HIL21AT | | Hospitality Industry Law II |
| GAB31AT | GAB32AT | Hospitality Management III |
| HMI11AT | | Hospitality Management Information Systems I |
| HPM11AT | | Hospitality Event Management I |
| ACM31AT | ACM32AT | Accommodation Management III |

Career Opportunities

A qualification in Hospitality Management opens doors to worldwide career opportunities as hotel manager, front-office manager, banqueting manager, food and beverage manager, restaurateur, caterer, entrepreneur, guesthouse manager or owner, coffee shop manager or owner, chef and many others.

1.2 National Diploma: Sport Management

BBNDSQ

Please note: there will be no intake of first-year students as from 2013.

| Admission requirements |
|--|
| ■ Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, a minimum mark of 50% in Physical Science, Mathematics or any commercial subject is recommended. Candidates with 32 points or more on the CUT scoring scale will be automatically admitted to this programme. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a minimum mark of 50% in Physical Science or Life Science, Mathematics or any commercial subject is recommended. Candidates with 32 points or more on the CUT scoring scale will be automatically admitted to this programme. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| SPB10AB | | | Sport Management I |
| SFR10AT | | | Sport and Physical Recreation Studies I (Sport Science, Sport Nutrition and Sport Psychology) |
| BEM10DB | | | Marketing I |
| RVB10AB | | | End-User Computing I |
| PRL10AB | | | Public Relations I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | SPB20AB | | Sport Management II |
| | SFR20AT | | Sport and Physical Recreation Studies II (Sport Science, Sport Nutrition and Sport Psychology) |
| | BEM20CB | | Marketing II |
| | PRL20AB | | Public Relations II |
| | PVK10AB | | Personal Selling I |
| | | SPB30AB | Sport Management III |
| | | SFR30AT | Sport and Physical Recreation Studies III (Sport Science, Sport Nutrition and Sport Psychology) |
| | | BEM30CB | Marketing III |

Remarks

- Theoretical classes are offered in the morning.
- Work-Integrated Learning involves in-company training and is scheduled in the afternoons.

Work-Integrated Learning

Three electives, from which one must be chosen:

1. Coaching and Sport Administration
2. Personal Training
3. Adventure Management and Sport Administration

Athletics: First-year students in all three electives must complete a compulsory course to qualify as a technical official, as well as a compulsory course for athletes with disabilities. The minimum criteria for each elective, as indicated in the study guide, must be met in order to qualify for the National Diploma. All students must pass at least the compulsory level-II First-Aid Sport Trauma course to meet

the minimum requirements for each elective. Students who opted to do the elective in Advanced Management must also complete the level-III First-Aid Sport Trauma course.

Career Opportunities

Sport manager at a golf club, sports club, sports federation, sports union or municipality; sport manager of a professional team; personal trainer or marketer at a gymnasium or a health, fitness or recreation club; school sport manager or coach; adventure manager or instructor; fitness trainer; development officer at a sports federation; lecturer in higher education; recreation director on a cruise liner.

1.3 National Diploma: Tourism Management

BTNTDA

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ Candidates with 32 points or more on the CUT scoring scale will be automatically admitted to this programme. Due to the relatively high demand for places in this programme, no applicants with a score lower than 24 on the CUT scoring scale will be considered for selection (RPL cases excluded.) |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ Candidates who score 32 or more points on the CUT scoring scale will be automatically admitted to this programme. Due to the relatively high demand for places in this programme, no applicant with a score lower than 24 on the CUT scoring scale will be considered for selection (RPL cases excluded.) |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| TRO10AS | | | Tourism Development I |
| RTB10AS | | | Travel and Tourism Management I |
| RTP10AS | | | Travel and Tourism Practice I |
| BET10AS | | | Marketing for Tourism I |
| KOU10AS | | | Communication I |
| SOT10AS | | | Sesotho I or |
| GER10AS | | | German I or |
| FCH10AS | | | French I or |
| XHS10AS | | | isiXhosa I or |
| TSW10AS | | | Setswana I |
| RVB10AB | | | End-User Computing I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | TRO20AS | | Tourism Development II |
| | RTB20AS | | Travel and Tourism Management II |
| | RTP20AS | | Travel and Tourism Practice II |
| | BET20AS | | Marketing for Tourism II |
| | MED10AS | | Media and Public Relations: Tourism I |
| | GEB10AS | | Event Management I |
| | GAS10AS | | Hospitality Operations I |
| | | TRO31AS | Tourism Development III |
| | | RTB31AS | Travel and Tourism Management III |
| | | RTP31AS | Travel and Tourism Practice III |
| | | PTM22AS | Tourism Management Practice II |

Additional courses (non-compulsory)

Galileo
Adventure Tourism (levels 1 and 2)
BSP

First Aid
SA Host
Travelogic

Careers Opportunities

Tour operator, travel agent, airline industry worker, tourism marketer, holiday resort employee, event and conference organiser, car-rental agent, tourism official, government employee, teacher. Guest-houses, guest farms and nature reserves also offer employment opportunities.

2. Baccalaureus Technologiae Degrees

2.1 Baccalaureus Technologiae: Hospitality Management

BGBTHB

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ▪ National Diploma: Hospitality Management, or equivalent qualification |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Hospitality Management, or equivalent qualification, with appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|-------------------------------------|
| NMD20AT | Research Methodology II |
| HIL30AT | Hospitality Industry Law III |
| HFM40AT | Hospitality Financial Management IV |
| SHG40AB | Strategic Hospitality Management IV |
| SHM40AB | Strategic Hospitality Marketing IV |

Career Opportunities

A qualification in Hospitality Management opens doors to worldwide career opportunities as a hotel manager, front-office manager, banqueting manager, food and beverage manager, restaurateur, caterer, entrepreneur, guesthouse manager or owner, coffee shop manager or owner, chef, lecturer and many others.

2.2 Baccalaureus Technologiae: Sport Management

BGBTSB

Please note: The last intake of students for the B.Tech: Sport Management programme will be in 2015.

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ▪ National Diploma: Sport Management or equivalent qualification, with appropriate instructional offering. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Sport Management, or equivalent qualification, with appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|--|
| NMD20AB | Research Methodology |
| SPB40AB | Sport Management IV |
| SMA40AB | Sport Marketing IV or |
| SPP40AB | Sport Psychology IV |
| REM40AB | Recreation Management IV (Sport Science) |

Career Opportunities

Sport manager at a golf club, sports club, sport federation, sport union, or municipality; sport manager of a professional team; personal trainer or marketer at a gymnasium or health, fitness or recreation club; school sports manager or coach; adventure manager or instructor, fitness trainer; development officer at a sports federation; lecturer in higher education; recreation director on a cruise liner.

2.3 Baccalaureus Technologiae: Tourism Management

SSBTRI

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ▪ National Diploma: Tourism Management or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Tourism Management, or equivalent qualification, with appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|----------------------------------|
| BET30AS | Marketing for Tourism III |
| TSM40AT | Advanced Strategic Management IV |
| NMD10AS | Research Methodology I |
| TPJ40AS | Tourism Project IV |
| TRO40AS | Tourism Development IV |

Career Opportunities

Travel agent, tour operator, tourism official, marketing agent, teacher. Guesthouses, guest farms and nature reserves also offer employment opportunities.



Faculty of Engineering and Information Technology

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General

The Faculty of Engineering and Information Technology is comprised of four schools, namely the School of Civil Engineering and Built Environment, the School of Electrical and Computer Systems Engineering, the School of Mechanical Engineering and Applied Mathematics, and the School of Information Technology.

The programmes offered in the schools of the Faculty are designed to equip diplomats and graduates with the necessary skills and expertise to be leaders in their chosen professions. The key to the Faculty's success lies in the high premium it places on innovation, along with the work that is done by different role players and stakeholders to promote the Faculty's and CUT's achievements in the fields of Science, Engineering and Technology. This is achieved through a benchmarking system, which ensures that training and research programmes always meet the highest standards.

All the schools within the Faculty have extensive laboratory and computer facilities, and are well equipped to support a practical, project-oriented approach to learning. Programmes are career focused, with some requiring a year-long Work-Integrated Learning component at diploma level. Through the different advisory boards that meet on a regular basis, close contact is maintained with industry and the private sector in the effort to ensure that learning programmes remain relevant.

The research conducted within the Faculty is of an applied nature and is directed at the needs of industry and the community at large. Research projects are generally well supported by local, national and international partners.

The Faculty's aim is to deliver world-class teaching and research while appreciating the need to be appropriately responsive to its African roots.

School of Civil Engineering and Built Environment

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1. National Diplomas

1.1 National Diploma: Engineering: Civil

ISNDLS

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in both Mathematics and Physical Science is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | | | | Instructional Offerings |
|----------------------|---------|------------|------|---|
| Semester 1 | | Semester 2 | | |
| January | July | January | July | |
| CAM11AI | CAM12AI | | | Applied Mechanics I |
| COM11AI | COM12AI | | | Computer Skills I |
| KMA11AI | KMA12AI | | | Construction Materials I |
| CDR11AI | CDR12AI | | | Drawing I |
| PRE1A PRE2B | | | | English Proficiency and English Proficiency |

| 1 st Year | | | | Instructional Offerings |
|----------------------|----------------|---------|--|---|
| | PRE2A PRE1B | | | English Proficiency and English Proficiency |
| CMC11AI | CMC12AI | | | Management (Civil) I |
| WIS11AI | WIS12AI | | | Mathematics I |
| | ECM11BI | ECM12BI | | Communication Skills I |
| | KMT11AI | KMT12AI | | Construction Methods I |
| | CDR21AI | CDR22AI | | Drawing II |
| | CMC21AI | CMC22AI | | Management (Civil) II |
| | WIS21AI | WIS22AI | | Mathematics II |
| | CSU11AI | CSU12AI | | Surveying I |
| | CTS21AI | CTS22AI | | Theory of Structures II |

| 2 nd Year | | | | Instructional Offerings |
|----------------------|---------|------------|---------|--|
| Semester 3 | | Semester 4 | | |
| January | July | January | July | |
| CGE21AI | CGE22AI | | | Geotechnical Engineering II |
| SSL31AI | SSL32AI | | | Structural Steel and Timber Design III |
| CSA21AI | CSA22AI | | | Structural Analysis II |
| CSU21AI | CSU22AI | | | Surveying (Civil) II |
| CTE21AI | CTE22AI | | | Transportation Engineering II |
| CWE21AI | CWE22AI | | | Water Engineering II |
| | | CDO31AI | CDO32AI | Documentation III |
| | | CGE31AI | CGE32AI | Geotechnical Engineering III |
| | | GWP31AI | GWP32AI | Reinforced Concrete and Masonry Design III |
| | | CSA31AI | CSA32AI | Structural Analysis III |
| | | CTE31AI | CTE32AI | Transportation Engineering III |
| | | CWE31AI | CWE32AI | Water Engineering III |

| 3 rd Year | | Instructional Offerings |
|----------------------|---------|-----------------------------|
| Semesters 5 & 6 | | |
| January | July | |
| CEX11ZI | CEX12ZI | Work-Integrated Learning I |
| CEX21ZI | CEX22ZI | Work-Integrated Learning II |

Career Opportunities

A person holding this qualification is prepared for a career as an engineering technician in the construction industry. Three basic activities are dealt with, namely planning and design, construction, and maintenance. The work to be performed will vary, depending on the area in which the individual is working, but in all respects he/she will be required to assist professional engineers. Other work will involve surveying, design, cost accounting, draughting, traffic studies and material testing. Career opportunities exist in government departments, such as Water Affairs, as well as organisations such as Spoornet, Eskom, mining companies, construction firms, civil consulting engineers, and research institutions. A person holding this qualification can also start his/her own business.

1.2 National Diploma: Building

ISNDBO

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in Mathematics is required. Physical Science is recommended.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 50% in Mathematics or 60% in Mathematical Literacy is required. Physical Science is recommended.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA credits: 360

NOF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| TBW10AI | | | Applied Building Science I |
| ECM12BI | | | Communication Skills I (Semester 2) |
| RTP11AI | | | Computer Applications I (Semester 1) |
| KON10AI | | | Construction Management I |
| KTG10AI | | | Construction Technology I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| BRK10AI | | | Quantity Surveying I |
| TRO10AI | | | Site Surveying I |
| | TBW20ZI | | Work-Integrated Learning: Building |
| | KON20AI | | Construction Management II |
| | KTG20AI | | Construction Technology II |
| | BRK20AI | | Quantity Surveying II |
| | | KOR30AI | Construction Accounting III |
| | | KON30AI | Construction Management III |
| | | KTG30AI | Construction Technology III |
| | | PRY30AI | Price Analysis & Estimating III |
| | | BRK30AI | Quantity Surveying III |
| | | STR30AI | Structures and Concrete III |

Career Opportunities

Are you fascinated by the sheer beauty of buildings? Have you ever wondered why and how buildings are planned, constructed and funded? If you have an inquiring mind, if you like knowing how things work, and if you would find it intriguingly challenging to explore the technology needed to construct a tower hundreds of metres high, or a national roadway...or a tiny one-roomed residence to house the poorest of the poor, then the construction industry could offer you a challenging and rewarding career where you can make your dreams reality. The National Diploma: Building offers access to this ever-growing and dynamic industry as a building technician, or as the foundation for pursuing further professional specialised career studies within this industry. A building technician is involved in various administrative functions related to construction projects, from inception to completion, within a wide range of disciplines ranging from architects, engineers and quantity surveyors, to contractors and developers within various government service departments and a wide range of related business enterprises such as materials suppliers, specialist contractors, etc. where technology is practised within a dynamic and challenging project environment.

2. National Diplomas: Extended Curriculum Programmes

Prospective students applying for admission to a National Diploma in the Faculty of Engineering and Information Technology might be referred to the Extended Curriculum Programme (ECP) instead of the mainstream programme. Prospective students may not apply directly for admission to the ECP, but must first apply for admission to the mainstream programme. In the case of a student following the ECP, the duration of the diploma programme will be extended by one year of full-time study.

3. Baccalaureus Technologiae Degrees

3.1 Baccalaureus Technologiae: Engineering: Civil

ISBTCJ

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: ■ Appropriate M + 3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: ■ National Diploma: Civil Engineering, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year - URBAN | | Instructional Offerings |
|------------------------------|------------|--|
| Semester 1 | Semester 2 | |
| January | July | |
| | KMA42AI | Construction Materials Technology IV |
| | GEO42AI | Geometric Design IV |
| HDR42AI | | Hydraulics IV |
| PLA41AI | | Pavement Technology IV |
| PJK41AI | | Project Management IV |
| | NWK42AI | Reticulation Design and Management IV (Compulsory) |
| STE41AI | | Urban Planning and Design IV |

| 4 th Year - TRANSPORTATION | | Instructional Offerings |
|---------------------------------------|------------|------------------------------|
| Semester 1 | Semester 2 | |
| January | July | |
| ASF41AI | | Asphalt Technology IV |
| | BET42AI | Concrete Technology IV |
| | GEO42AI | Geometrical Design IV |
| HID41AI | | Hydrology IV |
| PLA41AI | | Pavement Technology IV |
| PJK41AI | | Project Management: Civil IV |
| | VKR42AI | Traffic Engineering IV |
| | VVR42AI | Transportation Planning IV |

| 4 th Year - WATER | | Instructional Offerings |
|------------------------------|------------|---------------------------------------|
| Semester 1 | Semester 2 | |
| January | July | |
| | DAM42AI | Dam Engineering IV |
| HDR41AI | | Hydraulics IV (Compulsory) |
| HID41AI | | Hydrology IV (Compulsory) |
| | BSP42AI | Irrigation IV |
| PJK41AI | | Project Management IV |
| | NWK41AI | Reticulation Design and Management IV |
| | AFW42AI | Waste Water Treatment Technology IV |
| WBH41AI | | Water Treatment Technology IV |

Career Opportunities

A person holding this qualification is prepared for a career as an engineering technologist in the civil engineering industry. Three basic activities are dealt with, namely planning and design, construction, and maintenance. The work to be performed will vary, depending on the area in which the individual is working, but in all respects he/she will be required to assist professional engineers. Other work will involve surveying, design, cost accounting, draughting, traffic studies and material testing. Career opportunities exist in government departments such as Transport, as well as organisations such as Spoornet, Eskom, mining companies, construction firms, civil consulting engineers, and research institutions. A person holding this qualification can also start his/her own business.

3.2 Baccalaureus Technologiae: Construction Management

ISBTRR

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ▪ Appropriate M + 3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Building, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 2 years, block-release basis

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|------------------------------------|
| APC40AI | Appropriate Construction IV |
| ASM40AI | Asset Management IV |
| BEP40AI | *Building Entrepreneurship IV |
| COE40AI | *Construction Economics IV |
| CLP40AI | *Construction Law and Procedure IV |
| KON40AI | *Construction Management IV |
| DEM40AI | Development Management IV |
| NMD10AI | *Research Methodology I |

**Compulsory instructional offerings.*

Career Opportunities

The construction manager is the production and operations management specialist of the construction industry, assuming responsibility for the physical construction of buildings and other structures. The nature and complexity of the modern construction project demands not only sound technological knowledge, but also specialised management expertise in all aspects of the construction process,

ranging from complex operations management mathematical techniques to the management of cost, time, finances, resources and manpower at all levels of the construction site. The demand for this expertise in the construction industry is ever growing, and even the young construction manager would soon be absorbed into a senior position in the construction enterprise where his or her knowledge and skills would also be applied at corporate management level.

There are numerous employment opportunities in both the private and public sectors, and lucrative salaries are offered for these services within a wide range of enterprises in the construction industry. Completing the National Diploma: Building allows the student to access the challenging BTech programme. Once qualified, the trainee construction manager may also elect to follow a professional career path as project manager or construction managing consultant, leading to full registration as a professional construction and project manager. This profession is internationally recognised and held in high regard.

3.3 Baccalaureus Technologiae: Quantity Surveying

ISBTQG

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ▪ Appropriate M+3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Building, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 2 years, block-release basis

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|-------------------------------------|
| BEP40AI | *Building Entrepreneurship IV |
| COE40AI | *Construction Economics IV |
| CLP40AI | *Construction Law and Procedures IV |
| DEM40AI | Development Management IV |
| MVA40AI | Market Valuations IV |
| BRK40AI | *Quantity Surveying IV |
| PRO40AI | Real Estate Management IV |
| NMD10AI | Research Methodology I |

**Compulsory instructional offerings.*

Career Opportunities

As professional practitioner, the quantity surveyor is the financial adviser, construction cost accountant and economist of building projects, advising the client and design consultants on all financial aspects of a new project. He/she would assume responsibility for assessing the financial viability of a new project development proposal, seeing to the financial planning of a proposed building, preparing cost budgets during the different development phases, exercising cost control during the development phase, and settling the contractors' final accounts on completion of a project. The quantity surveyor also prepares complex tender documents for the procurement of building contracts and acts as a legal advisor and consultant with regard to contract disputes that may arise during the construction phase. The services of this consultant are indispensable to modern construction projects.

The National Diploma: Building gives the student access to the demanding and challenging BTech programme, which in turn opens the door to the **lucrative** quantity surveying profession, with full registration as a professional quantity surveyor. Quantity surveyors are in high demand internationally, with lucrative salaries being offered in both the private and public sectors. The services provided by the quantity surveyor are regarded as indispensable within the construction industry **today**, demanding a high level of recognition both nationally and internationally as a **professional practitioner and consultant**.

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1. National Diplomas

1.1 National Diploma: Engineering: Computer Systems

IENDCY

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in both Mathematics and Physical Science is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | | | | Instructional Offerings |
|----------------------|---------|------------|------|---------------------------|
| Semester 1 | | Semester 2 | | |
| January | July | January | July | |
| ECM11BI | ECM12BI | | | *Communication Skills I |
| COM11AI | COM12AI | | | *Computer Skills I |
| EDS11BI | EDS12BI | | | *Digital Systems I |
| EEN11AI | EEN12AI | | | *Electrical Engineering I |

| 1 st Year | | | | Instructional Offerings |
|----------------------|----------------|---------|---------|---|
| ELE11AI | ELE12AI | | | * Electronics I |
| PRE1A PRE2B | | | | English Proficiency and English Proficiency |
| | PRE2A PRE1B | | | English Proficiency and English Proficiency |
| WIS11AI | WIS12AI | | | * Mathematics I |
| PRG11AI | PRG12AI | | | * Programming I |
| | | ECN21BI | ECN22BI | Control Systems II |
| | | EDS21BI | EDS22BI | * Digital Systems II |
| | | ELE21AI | ELE22AI | * Electronics II |
| | | ENT21AI | ENT22AI | Entrepreneurship II |
| | | WIS21AI | WIS22AI | * Mathematics II |
| | | NET21AI | NET22AI | * Network Systems II |
| | | PRG21AI | PRG22AI | * Programming II |

| 2 nd Year | | | | Instructional Offerings |
|----------------------|---------|------------|---------|-------------------------------|
| Semester 3 | | Semester 4 | | |
| January | July | January | July | |
| EDS31BI | EDS32BI | | | * Digital Systems III |
| ELA31BI | ELA32BI | | | * Electronics III |
| WIT31AI | WIT32AI | | | Mathematical Applications III |
| NET31AI | NET32AI | | | * Network Systems III |
| PRG31AI | PRG32AI | | | * Programming III |
| SYS21AI | SYS22AI | | | * Systems Analysis II |
| | | DAT31BI | DAT32BI | * Database Principles III |
| | | EDP31AI | EDP32AI | * Design Project III |
| | | LOG31BI | LOG32BI | * Logic Design III |
| | | MIP31BI | MIP32BI | Microprocessors III |
| | | OPT31AI | OPT32AI | * Operating Systems III |
| | | SOF31BI | SOF32BI | * Software Engineering III |

| 3 rd Year | | Instructional Offerings |
|----------------------|---------|-------------------------------|
| Semesters 5 & 6 | | |
| January | July | |
| EXP11ZI | EXP12ZI | * Work-Integrated Learning I |
| EXP21ZI | EXP22ZI | * Work-Integrated Learning II |

*Compulsory instructional offerings.

Career Opportunities

This programme is recommended for persons with an interest in the use and development of computers. The curriculum consists primarily of a combination of programming and electronics and has been developed for technicians seeking to operate and maintain computer-supported process control systems and computer networks. Typical employers would be heavy industries such as Iscor, Sasol, Eskom, Telkom and Vodacom. Organisations that install and operate computer networks often present career opportunities for qualified students, and entrepreneurs can also establish their own businesses.

1.2 National Diploma: Engineering: Electrical (Light or Heavy Current)

IENDTS

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in both Mathematics and Physical Science is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA Credits: 360

NQF Level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | | | | Instructional Offerings |
|----------------------|----------------|------------|------|---|
| Semester 1 | | Semester 2 | | |
| January | July | January | July | |
| ECM11BI | ECM12BI | | | *Communication Skills I |
| COM11AI | COM12AI | | | *Computer Skills I |
| EDS11BI | EDS12BI | | | Digital Systems I |
| EEN11AI | EEN12AI | | | *Electrical Engineering I |
| ELE11AI | ELE12AI | | | *Electronics I |
| PRE1A PRE2B | | | | English Proficiency and English Proficiency |
| | PRE2A PRE1B | | | English Proficiency and English Proficiency |
| WIS11AI | WIS12AI | | | *Mathematics I |
| MEC11AI | MEC12AI | | | Mechanics I |
| | EDS21BI | EDS22BI | | Digital Systems II |
| | EEN21AI | EEN22AI | | *Electrical Engineering II |
| | EMJ21AI | EMJ22AI | | Electrical Machines II |
| | ELE21AI | ELE22AI | | *Electronics II |
| | WIS21AI | WIS22AI | | *Mathematics II |
| | EMD11AI | EMD12AI | | Mechanical Technology I |
| | EPR11AI | EPR12AI | | Projects I |
| | MSM21AI | MSM22AI | | Strength of Materials II |

| 2 nd Year | | | | Instructional Offerings |
|----------------------|---------|------------|------|-----------------------------|
| Semester 3 | | Semester 4 | | |
| January | July | January | July | |
| EDS31BI | EDS32BI | | | Digital Systems III |
| EEN31AI | EEN32AI | | | Electrical Engineering III |
| EMJ31AI | EMJ32AI | | | Electrical Machines III |
| EKM21AI | EKM22AI | | | Electronic Communication II |
| ELA31BI | ELA32BI | | | Electronics III |
| EID21AI | EID22AI | | | Industrial Electronics II |

| 2 nd Year | | | | Instructional Offerings |
|----------------------|---------|---------|---------|-------------------------------------|
| WIS31AI | WIS32AI | | | Mathematics III |
| EMD21AI | EMD22AI | | | Mechanical Technology II |
| EPR21AI | EPR22AI | | | Projects II |
| MSM31BI | MSM32BI | | | Strength of Materials III |
| | | MSK31AI | MSK32AI | Applied Strength of Materials III |
| | | ECN31BI | ECN32BI | Control Systems III |
| | | EDP31LI | EDP32LI | *Design Project III (Light Current) |
| | | EDP31HI | EDP31HI | *Design Project III (Heavy Current) |
| | | EVE31AI | EVE32AI | Electrical Distribution III |
| | | EBE31AI | EBE32AI | Electrical Protection III |
| | | ELT31AI | ELT32AI | Electronic Applications III |
| | | LOG31BI | LOG32BI | Logic Design III |
| | | EMD31AI | EMD32AI | Mechanical Technology III |
| | | EPE31AI | EPE32AI | Power Electronics III |
| | | ERE31AI | ERE32AI | Radio Engineering III |
| | | ESO21AI | ESO22AI | Software Design II |

*Compulsory instructional offerings.

| 3 rd Year | | Instructional Offerings |
|----------------------|---------|-----------------------------|
| Semesters 5 & 6 | | |
| January | July | |
| EEX11ZI | EEX12ZI | Work-Integrated Learning I |
| EEX21ZI | EEX22ZI | Work-Integrated Learning II |

Career Opportunities

(Light Current)

The advances made in electronics over the past few decades have been phenomenal, and therefore any person holding this qualification must always be prepared to keep abreast of the latest developments. The field of electronics includes telecommunications, radio and television, radar, computers, electronic control systems and industrial electronic systems, especially computer-supported equipment. Qualified persons will also be involved in the development, building and maintenance of new equipment. Companies such as the SABC, Sentech, Eskom and Telkom, the mining industry, industrial plants such as Sasol and Columbus Steel, as well as research institutions, are but a few possible employers. A person holding such a qualification could also establish his/her own business.

(Heavy Current)

The generation, distribution and utilisation of electrical power are of the utmost importance in our country. A technologist who has qualified in this field will be concerned with the planning, production, installation and maintenance of a wide variety of heavy electrical equipment. He/she will occupy a responsible position in the community and enjoy a high level of job satisfaction. Employment opportunities exist with Eskom, Transnet, Spoornet, Columbus Steel, suppliers of electrical equipment, the mining industry, municipalities and research institutions. A person holding this qualification could also establish his/her own business.

2. National Diplomas: Extended Curriculum Programmes

Prospective students applying for admission to a National Diploma in the Faculty of Engineering and Information Technology might be referred to the Extended Curriculum Programme (ECP) instead of the mainstream programme. Prospective students may not apply directly for admission to the ECP, but must first apply for admission to the mainstream programme. In the case of a student following the ECP, the duration of the diploma programme will be extended by one year of full-time study.

3. Baccalaureus Technologiae Degree

3.1 Baccalaureus Technologiae: Engineering: Electrical

IEBTEG

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ▪ Appropriate M + 3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Electrical Engineering with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NOF level: 7

Duration Of Programme: 1 year full-time or 2 years part-time

Instructional Offerings

| 4 th Year | | Instructional Offerings |
|----------------------|------------|--|
| Semester 1 | Semester 2 | |
| January | July | |
| REN41AI | REN42AI | Computer Networks IV |
| DBP41AI | DBP42AI | Database Programming IV |
| EDG41AI | EDG42AI | Digital Signal Processing IV |
| EMJ41AI | EMJ42AI | Electrical Machines IV |
| EBE41AI | EBE42AI | Electrical Protection IV |
| EKS41AI | EKS42AI | Electronic Communication Systems IV |
| EKM41AI | EKM42AI | Electronic Communication IV |
| ELE41AI | ELE42AI | Electronics IV |
| EIW41AI | EIW42AI | Engineering Mathematics IV |
| EHV41AI | EHV42AI | High-Voltage Engineering IV |
| EIP41AI | EIP42AI | *Industrial Project IV (Light Current) |
| EIP41HI | EIP42HI | *Industrial Project IV (Heavy Current) |
| EMO41AI | EMO42AI | Microsystems Design IV |
| EMI41AI | EMI42AI | Microcontroller Systems IV |
| EPE41AI | EPE42AI | Power Electronics IV |
| EPS41AI | EPS42AI | Power Systems IV |
| PCT41AI | PCT42AI | Process Control IV |
| EBT41AI | EBT42AI | Protection Technology IV |
| PIG41AI | PIG42AI | Software Engineering IV |
| SFS41AI | SFS42AI | Software Systems IV |

**Compulsory instructional offerings.*

Career Opportunities

(Light Current)

The advances made in electronics over the past few decades have been phenomenal, and therefore any person holding this qualification must always be prepared to keep abreast of the latest developments. The study of electronics includes telecommunications, radio and television, radar, computers, electronic control systems and industrial electronic systems, especially computer-supported equipment. Qualified persons will also be involved in the development, building and maintenance of new equipment. Companies such as the SABC, Sentech, Eskom and Telkom, the mining industry, industri-

al plants such as Sasol and Columbus Steel, and research institutions are but a few possible employers. A person holding this qualification could also establish his/her own business.

(Heavy Current)

The generation, distribution and utilisation of electrical power are of the utmost importance in our country. A technologist who has qualified in this field will be concerned with the planning, production, installation and maintenance of a wide variety of heavy electrical equipment. He/she will occupy a responsible position in the community and enjoy a high level of job satisfaction. Employment is available at Eskom, Transnet, Spoornet, Columbus Steel, suppliers of electrical equipment, mining companies, municipalities and research institutions. A person holding this qualification could also establish his/her own business.

School of

Mechanical Engineering and Applied Mathematics

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Secretary: Ms E Logan

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1. National Diploma

1.1 National Diploma: Engineering: Mechanical

IMNDNG

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in both Mathematics and Physical Science is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | | | | Instructional Offerings |
|----------------------|----------------|------------|------|---|
| Semester 1 | | Semester 2 | | |
| January | July | January | July | |
| EMC11BI | EMC12BI | | | Communication Skills I |
| RPV11AI | RPV12AI | | | Computer and Programming Skills I |
| PRE1A PRE2B | | | | English Proficiency and English Proficiency |
| | PRE1A PRE2B | | | English Proficiency and English Proficiency |
| WIS11AI | WIS12AI | | | Mathematics I |
| MDR11AI | MDR12AI | | | Mechanical Engineering Drawing I |
| MAN11AI | MAN12AI | | | Mechanical Manufacturing Engineering I |

| 1 st Year | | | | Instructional Offerings |
|----------------------|---------|---------|---------|--------------------------|
| MEC11AI | MEC12AI | | | Mechanics I |
| | | MEL11AI | MEL12AI | Electrotechnology I |
| | | MFM21AI | MFM22AI | Fluid Mechanics II |
| | | WIS21AI | WIS22AI | Mathematics II |
| | | MEM21AI | MEM22AI | Mechanics of Machines II |
| | | MSM21AI | MSM22AI | Strength of Materials II |
| | | MTH21AI | MTH22AI | Thermodynamics II |

| 2 nd Year | | | | Instructional Offerings |
|----------------------|---------|------------|---------|-----------------------------------|
| Semester 3 | | Semester 4 | | |
| January | July | January | July | |
| MFM31BI | MFM32BI | | | Fluid Mechanics III |
| WIS31AI | WIS32AI | | | Mathematics III |
| MED21AI | MED22AI | | | Mechanical Engineering Design II |
| MEM31BI | MEM32BI | | | Mechanics of Machines III |
| MSM31BI | MSM32BI | | | Strength of Materials III |
| MTB31BI | MTB32BI | | | Thermodynamics III |
| | | MSK31AI | MSK32AI | Applied Strength of Materials III |
| | | MEL21AI | MEL22AI | Electrotechnology II |
| | | MHM31AI | MHM32AI | Hydraulic Machines III |
| | | MED31BI | MED32BI | Mechanical Engineering Design III |
| | | MST31AI | MST32AI | Steam Plant III |
| | | MTM31AI | MTM32AI | Theory of Machines III |

| 3 rd Year | | Instructional Offerings |
|----------------------|---------|-----------------------------|
| Semesters 5 & 6 | | |
| January | July | |
| MEX11ZI | MEX12ZI | Work-Integrated Learning I |
| MEX21ZI | MEX22ZI | Work-Integrated Learning II |

Career Opportunities

This programme is well suited to those with an interest in the design and operation of heavy machinery, as well as production and manufacturing engineering. Mechanical engineering technicians could also work with steam-plants at power stations, at vulcanising plants, pump stations and irrigation schemes, and with mining machinery and ore crushers. Manufacturing and production processes (also those used by the food and textile industries), as well as the planning, maintenance and optimisation of processes, are further facets of this field of study. The services of qualified persons are also often sought in the design of mechanical equipment. A promising future awaits qualified persons as installation engineers, technical representatives, production development engineers or works managers. They can establish their own engineering works or find employment with mines or the steel plants of Iscor, or with Eskom, Transnet, Spoornet, consulting engineering firms, or suppliers of mechanical equipment. The motor industry is another possible employer. Opportunities also exist in the chemical processing industry (e.g. Sasol), the construction and building industry, as well as provincial government and municipal services. Emphasis is placed on entrepreneurship.

2. National Diplomas: Extended Curriculum Programmes

Prospective students applying for admission to a National Diploma in the Faculty of Engineering and Information Technology might be referred to an Extended Curriculum Programme (ECP) instead of the mainstream programme. Prospective students may not apply directly for admission to the ECP, but must first apply for admission to the mainstream programme. In the case of a student following the ECP, the duration of the diploma programme will be extended by one year of full-time study.

3. Baccalaureus Technologiae Degree

3.1 Baccalaureus Technologiae: Engineering: Mechanical

IMBTMB

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ▪ Appropriate M + 3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Mechanical Engineering, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | | Instructional Offerings |
|----------------------|------------|-------------------------------------|
| Semester 1 | Semester 2 | |
| January | July | |
| MAC41AI | | Automatic Control IV |
| MSM41AI | | Strength of Materials IV |
| MTB41AI | | Thermodynamics IV |
| MTU41AI | | Turbo Machines IV |
| MDP41AI | MDP42AI | *Engineering Design Project IV |
| | MFM42AI | Fluid Mechanics IV |
| | MEM42AI | Mechanics of Machines IV |
| | MRF42AI | Refrigeration & Air Conditioning IV |
| | MSA42AI | Stress Analysis IV |

Remarks

Mathematics III is a prerequisite for all the above-mentioned instructional offerings.

*Compulsory instructional offerings: Engineering Design Project IV and any two of the following combinations:

Mechanics of Machines IV and Automatic Control IV **or** Strength of Materials IV and Stress Analysis IV **or** Thermodynamics IV and Refrigeration and Air Conditioning IV **or** Fluid Mechanics IV and Turbo Machines IV. The total credit value of level-IV instructional offering is 1.0 credit.

Career Opportunities

This programme is well suited to those with an interest in the design and operation of heavy machinery, as well as production and manufacturing engineering. Mechanical engineering technologists could also work with steam-plants at power stations, at vulcanising plants, pump stations and irrigation schemes, and with mining machinery and ore crushers. Manufacturing and production processes (also those used in the food and textile industries), as well as the planning, maintenance and optimisation of processes, are further facets of this field of study. The services of qualified persons are also often sought in the design of mechanical equipment. A promising future awaits qualified persons as installation engineers, technical representatives, production development engineers or works managers. They can establish their own engineering works or find employment with mines and the steel plants of Iscor, or with Eskom, Transnet, Spoornet, consulting engineering firms, or suppliers of mechanical equipment. The motor industry is another possible employer. Other opportunities exist in the chemical processing industry (e.g. Sasol), the construction and building industry, as well as provincial government and municipal services. Emphasis is placed on entrepreneurship.

School of Information Technology

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1. National Diplomas

1.1 National Diploma: Information Technology (Software Development)

BCNDIA

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Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 60% on Standard Grade or 40% on Higher Grade in Mathematics or Computer Studies is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 60% in Mathematical Literacy or 40% in either Mathematics or Information Technology is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| OPG10BB | | | Development Software I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| INL10DB | | | Information Systems I |
| ITV10AB | | | Information Technology Skills I |
| ITW10AB | | | IT Mathematics I |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| | OPG20BB | | Development Software II |
| | INL20DB | | Information Systems II |
| | TPG10AB | | Technical Programming I |
| | SPG11AB | | System Software I (Semester 1) |
| | SPG12AB | | System Software I (Semester 2) |
| | | OPG30BB | Development Software III |
| | | INL30EB | Information Systems III |
| | | TPG20AB | Technical Programming II |
| | | SPG21CB | System Software II (Semester 1) or |
| | | GID10AB | Graphical User Interface Design I |
| | | SPG22CB | System Software II (Semester 2) or |
| | | GID10AB | Graphical User Interface Design I |

Career Opportunities

Analyst: System developer, application designer, business analyst, information analyst, management information analyst, system analyst.

Programming: Application developer, software developer, internet developer.

Database: Business database analyst, data administrator, database manager.

Project Management: IS project leader.

1.2 National Diploma: Information Technology (Web and Application Development)

BCNDIA

| Admission requirements |
|---|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, a minimum mark of 60% on Standard Grade or 40% on Higher Grade in Mathematics or Computer Studies is required. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a minimum mark of 60% in Mathematical Literacy or 40% in either Mathematics or Information Technology is required. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|--|
| OPG10BB | | | Development Software I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| INL10DB | | | Information Systems I |
| ITV10AB | | | Information Technology Skills I |
| ITW10AB | | | IT Mathematics I |
| | INP20AB | | Internet Programming II |
| | INL20DB | | Information Systems II |
| | WEB20AB | | Web Management II |
| | SPG11AB | | Systems Software I (Semester 1) |
| | SPG12AB | | Systems Software I (Semester 2) |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|-----------------------------------|
| | | INP30AB | Internet Programming III |
| | | INL30EB | Information Systems III |
| | | WEB30AB | Web Management III |
| | | GID10AB | Graphical User Interface Design I |

Career Opportunities

Analyst: System developer, application designer, business analyst, data analyst, information analyst, management information analyst, system analyst.

Programming: Application developer, software developer, html developer, internet developer, java programmer, webmaster.

Database: Business database analyst, data administrator, database manager.

Project Management: IS project leader.

2. National Diplomas: Extended Curriculum Programmes

Prospective students applying for admission to a National Diploma in the Faculty of Engineering and Information Technology might be referred to an Extended Curriculum Programme (ECP) instead of the mainstream programme. Prospective students may not apply directly for admission to the ECP, but must first apply for admission to the mainstream programme. In the case of a student following the ECP, the duration of the diploma programme will be extended by one year of full-time study.

3. Baccalaureus Technologiae Degree

3.1 Baccalaureus Technologiae: Information Technology (BCBTIP) (Software Development) as well as (Web and Application Development)

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: ■ Appropriate M + 3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: ■ National Diploma: Information Technology, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | | Instructional Offerings |
|----------------------|------------|---|
| Semester 1 | Semester 2 | |
| CMN41AB | | Communication Networks IV |
| CSY41AB | | Computer Security IV |
| DBS41AB | | Database Systems IV |
| IPE41AB | | Internet Programming and e-Commerce IV |
| NMT11AB | | Research Methodology |
| OPG41AB | | Development Software IV |
| ITM41AB | | Information and Technology Management IV |
| | ACN41AB | Advanced Communication Networks IV |
| | ADS42AB | Advanced Development Software IV |
| | APE42AB | Advanced Internet Programming and e-Commerce IV |

| 4 th Year | | Instructional Offerings |
|----------------------|------------|------------------------------------|
| | BSL42AB | Operating Systems IV |
| | PIO42AB | Software Engineering and Design IV |
| | TPG42AB | Technical Programming IV |
| | USR42AB | User Interfaces Design IV |
| | CRA42AB | Computer Architecture IV |
| PRJ40AB | Project IV | |

Instructional offerings are presented on demand, depending on the number of students enrolling for such offerings. There is a possibility that a particular instructional offering will not be presented during a specific year.

Career Opportunities

Software Development

Analyst: System developer, application designer, business analyst, information analyst, management information analyst, system analyst.

Programming: Application developer, software developer, internet developer.

Database: Business database analyst, data administrator, database manager.

Project Management: IS project leader.

Web and Application Development

Analyst: System developer, application designer, business analyst, data analyst, information analyst, management information analyst, system analyst.

Programming: Application developer, software developer, html developer, internet developer, java programmer, webmaster.

Database: Business database analyst, data administrator, database manager.

Project Management: IS project leader.



Faculty of Health and Environmental Sciences

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General Enquiries

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General

The Faculty of Health and Environmental Sciences consists of two schools, namely the School of Health Technology and the School of Agriculture and Environmental Sciences.

The Faculty offers tuition in Environmental Health, Agricultural Management, Fire Technology, and various health-related disciplines including Clinical Technology, Radiography, Biomedical Technology, Dental Assisting, Emergency Medical Care and Somatology, with specialist fields in most of these disciplines at undergraduate and postgraduate level.

National Diploma programmes extend over a three-year period. After students have obtained their National Diploma qualification, they may continue with a fourth year of study to obtain the Baccalaureus Technologiae (BTech) degree.

Students can then also consider enrolling for a Magister Technologiae (MTech) degree, and thereafter a Doctor Technologiae (DTech) degree. Although students will be encouraged to register for their postgraduate studies on a full-time basis after obtaining the BTech degree, such studies can be undertaken on a part-time basis in selected fields of study.

The Faculty offers attractive opportunities to students to become involved in research programmes at postgraduate level. The Centre for Health Sciences, the Unit for Food Safety and Technology, as well as research programmes in Agriculture and Environmental Sciences conduct interesting research projects and render important services to the community. The Faculty is fully involved in a variety of community projects.

School of Agriculture and Environmental Sciences

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Programme Head: Fire Technology

Dr EJ Smith

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1. National Diplomas

1.1 National Diploma: Agricultural Management

TLNDLB

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a pass in Agricultural Science is recommended.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 40% in one of the following subjects, as well as a minimum mark of 50% in another, is required: Agricultural Sciences, Mathematics, Mathematical Literacy, Life Sciences, Economics, Accounting, or Physical Science.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | | Instructional Offerings |
|----------------------|------------|-----------------------------|
| Semester 1 | Semester 2 | |
| AMN11AT | | Agricultural Management I |
| PPR11AT | | Plant Production I |
| APR11AT | | Animal Production I |
| COM11AT | | Computer Skills I |
| SSC11AT | | Agricultural Soil Science I |
| PAS11AT | | Pasture Science I |

| 1 st Year | | Instructional Offerings |
|----------------------|---------|---|
| PRE1A | | English Proficiency and English Proficiency |
| PRE2B | | |
| | AMN22AT | Agricultural Management II |
| | PPR22AT | Plant Production II |
| | APR22AT | Animal Production II |
| | CAP22AT | Computer Applications (Agriculture) II |
| | SCL22AT | Soil Classification II |
| | PRD12AT | Production and Operational Techniques I |

| 2 nd Year | | Instructional Offerings |
|----------------------|------------|---|
| Semester 1 | Semester 2 | |
| LBB21ZT | LBB22ZT | Work-Integrated Learning: Agricultural Management |
| APM20AT | | Agricultural Production Management II |
| APT20AT | | Agricultural Production Techniques II |

| 3 rd Year | Instructional Offerings |
|---|-------------------------------------|
| Compulsory instructional offerings | |
| AMN30AT | Agricultural Management III |
| ENG10AT | Agricultural Engineering I |
| PBL10AT | Personnel Management: Agriculture I |
| ALW10AT | Agricultural Law I |
| Optional instructional offerings | |
| PPR30AT | *Plant Production III |
| APR30AT | *Animal Production III |

*Optional instructional offerings.

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Career Opportunities

Farming as owner or manager; buying and selling of agricultural products; agricultural industries such as stock-feed, machinery and agrochemical companies; agricultural insurance, financing and other related fields; consultation and advisory positions with the government, international companies and private agencies; urban development and resource management; land and resource management; business opportunities in other commercial fields, whether related or unrelated to agriculture.

1.2 National Diploma: Environmental Health

THNDEV

| Admission requirements | |
|--|--|
| ■ National Senior Certificate or equivalent qualification. | |
| For candidates who matriculated in 2007 or before: | |
| ■ In addition to the general admission requirements, a minimum mark of 50% on Standard Grade in any two of the following subjects is required: Biology, Physical Science, and/or Mathematics. Geography and/or Physiology are recommended. | |
| For candidates who completed the NSC in 2008 and thereafter: | |
| ■ In addition to the general admission requirements, a minimum mark of 50% in both Life Sciences and Physical Science, as well as a minimum mark of 40% in Mathematics, or a minimum mark of 50% in Mathematical Literacy, is required. | |
| Selection: Yes | |
| Interview: No | |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| ANF10AT | | | Anatomy and Physiology I |
| FEC10AT | | | Physics and Chemistry I |
| GMO10AT | | | Community Development I |
| MBO10BT | | | Microbiology I |
| OMB10AT | | | Environmental Planning I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | BGV20AT | | Occupational Health and Safety II |
| | EPI20AT | | Epidemiology II |
| | GMO20AT | | Community Development II |
| | OAW20AT | | Environmental Pollution: Waste and Water II |
| | VVH20AT | | Food and Meat Hygiene II |
| | BGV30AT | | Occupational Health and Safety III |
| | FBS30AT | | Management Practice III |
| | EPI30AT | | Epidemiology III |
| | OLG30AT | | Environmental Pollution: Air and Noise III |
| | VVH30AT | | Food and Meat Hygiene III |

Career Opportunities

Popular employers are municipalities, as well as government departments such as Health, Water Affairs and Forestry, Environmental Affairs and Tourism, and Labour, as well as industries such as mining groups, Eskom, Transnet, water boards, large food manufacturers and retailers, abattoirs, and some hotel groups. Qualified persons may also render services in a private capacity to abattoirs for a professional fee. The Department of Agriculture also employs veterinary health officers.

1.3 National Diploma: Fire Technology

THNDFU

| Admission requirements |
|---|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, the candidate must have at least three years' appropriate working experience. The employer's recommendation is required. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, the candidate must have at least three years' appropriate working experience. The employer's recommendation is required. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | | Instructional Offerings |
|----------------------|------------|---------------------------------|
| Semester 1 | Semester 2 | |
| NDB11AT | NDB12AT | Emergency Management I |
| FCN11AT | FCN12AT | Fire Construction I |
| FHD11AT | FHD12AT | Fire Hydraulics I |
| CND11AT | CND12AT | Chemistry: Emergency Services I |
| FND11AT | FND12AT | Physics: Emergency Services I |

| 1 st Year | | Instructional Offerings |
|----------------------|----------------|---|
| FRT11AT | FRT12AT | Fire Technology I |
| *FTP11AT | *FTP12AT | Fire Technology: Work-Integrated Learning I |
| PRE1A PRE2B | | English Proficiency and English Proficiency |
| | PRE2A PRE1B | English Proficiency and English Proficiency |

| 2 nd Year | | Instructional Offerings |
|----------------------|------------|--|
| Semester 1 | Semester 2 | |
| NDB21AT | NDB22AT | Emergency Management II |
| FCN21AT | FCN22AT | Fire Construction II |
| FHD21AT | FHD22AT | Fire Hydraulics II |
| FRC21AT | FRC22AT | Fire Chemistry II |
| FRP21AT | FRP 22AT | Fire Physics II |
| FRT21AT | FRT22AT | Fire Technology II |
| *FTP21AT | *FTP22AT | Fire Technology: Work-Integrated Learning II |

| 3 rd Year | | Instructional Offerings |
|----------------------|------------|---|
| Semester 1 | Semester 2 | |
| NDB31AT | NDB32AT | Emergency Management III |
| FCN31AT | FCN32AT | Fire Construction III |
| FHD31AT | FHD32AT | Fire Hydraulics III |
| FRC31AT | FRC32AT | Fire Chemistry III |
| FRP31AT | FRP 32AT | Fire Physics III |
| FRT31AT | FRT32AT | Fire Technology III |
| *FTP31AT | *FTP32AT | Fire Technology: Work-Integrated Learning III |

Career Opportunities

Persons holding a National Diploma in Fire Technology are in high demand and can work as fire service or emergency officers, or as fire service managers.

One year of Work-Integrated Learning, presented by or acknowledged by the Mangaung Fire Department, is a prerequisite for the completion of this programme.

2. National Diplomas: Extended Curriculum Programmes

Prospective students applying for admission to a National Diploma in the Faculty of Health and Environmental Sciences might be referred to an Extended Curriculum Programme (ECP) instead of the mainstream programme. Prospective students may not apply directly for admission to the ECP, but must first apply for admission to the mainstream programme. In the case of a student following the ECP, the duration of the diploma programme will be extended by one year of full-time study.

3. Baccalaureus Technologiae Degrees

3.1 Baccalaureus Technologiae: Agricultural Management

TLBTLA

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Agricultural Management or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Agricultural Management, or equivalent qualification, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|---|--------------------------------------|
| Compulsory instructional offerings | |
| FIN40AT | Financial Management: Agriculture IV |
| STG40AT | Strategic Management: Agriculture IV |
| LEA20AT | Leadership Development II |
| Optional instructional offerings | |
| ANI40AT | *Animal Production IV |
| PLT40AT | *Plant Production IV |

**Optional instructional offerings.*

Career Opportunities

Farming as owner or manager; buying and selling of agricultural products; agricultural industries such as stock-feed, machinery and agrochemical companies; agricultural insurance, financing and other related fields; consultation and advisory positions with the government, international companies and private agencies; urban development and resource management; land and resource management; business opportunities in other commercial fields, whether related or unrelated to agriculture.

3.2 Baccalaureus Technologiae: Environmental Health

THBTEM

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Environmental Health, or equivalent qualification, with a minimum average mark of 55% for the qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Environmental Health, or equivalent qualification, with the appropriate instructional offerings, with a minimum average mark of 55% for the qualification |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|---|-----------------------------------|
| Compulsory instructional offerings | |
| NMD10AT | Research Methodology I |
| FBS40AT | Management Practice IV |
| Optional instructional offerings | |
| Plus any two of the following: | |
| VDH40BT | Food Hygiene IV |
| BGV40AT | Occupational Health and Safety IV |
| WAT40AT | Water Quality Management IV |
| EPY40AT | * *Environmental Epidemiology IV |
| AFV40AT | Waste Management IV |
| VHG40AT | *Meat Hygiene IV |
| LUG40AT | *Air Pollution IV |

Career Opportunities

Popular employers are municipalities, as well as government departments such as Health, Labour, Water Affairs and Forestry, and Environmental Affairs and Tourism, as well as industries such as mining groups, Eskom, Transnet, water boards, large food manufacturers and retailers, abattoirs, and some hotel groups. Qualified persons may also render services in a private capacity to abattoirs for a professional fee. The Department of Agriculture also employs veterinary health officers.

At fourth-year level, instructional offerings from the list of options may only be taken if all learning units of the instructional offerings have been passed at third-year level. Instructional offerings marked with an asterisk (*) under "Optional instructional offerings" are not offered at CUT. Offerings marked with a double asterisk (**) will be considered on the basis of demand.

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1. National Certificate

1.1 National Certificate: Dental Assisting

THNSDA

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in Biology/ Physiology is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 50% in Life Sciences is required.

Selection: Yes

Interview: Yes

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 5

Duration Of Programme: 1 year

Instructional Offerings

| 1 st Year | Instructional Offerings |
|----------------------|---|
| TPB10BT | Dental Practice Management I |
| MAP10AT | Oral Anatomy and Pathology I |
| TAP10BT | Dental Assisting: Practical I |
| TAT10BT | Dental Assisting: Theory I |
| THE10ZT | Work-Integrated Learning: Dental Practice |
| PRE1A PRE2B | English Proficiency and English Proficiency |

SAQA credits: 120

NQF level: 5

Duration Of Programme: 2 years part-time

Instructional Offerings

| 1 st Year | Instructional Offerings |
|----------------------|---|
| TPB10BT | Dental Practice Management I |
| MAP10AT | Oral Anatomy and Pathology I |
| THE10ZT | Dental Practice: Work-Integrated Learning |
| PRE1A PRE2B | English Proficiency and English Proficiency |

| 2 nd Year | Instructional Offerings |
|----------------------|---|
| TAP10BT | Dental Assisting: Practical I |
| TAT10BT | Dental Assisting: Theory I |
| THE10ZT | Dental Practice: Work-Integrated Learning |

Career Opportunities

Dental assistant to any dental practitioner or in any dental clinic. Suppliers of dental services and products also offer job opportunities in South Africa and abroad.

2. National Diplomas

2.1 National Diploma: Biomedical Technology

TANDIC

| Admission requirements |
|--|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in all three of the following subjects is required: Biology/Physiology, Physical Science, and Mathematics. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a minimum mark of 50% in Life Sciences and Physical Science, as well as a minimum mark of 40% in Mathematics and English, is required |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 361

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|------------------------------------|
| ANF11BT | | | Anatomy and Physiology I |
| IGT11AT | | | Introduction to Medical Technology |
| CHB11CT | | | Chemistry I |
| BST11AT | | | Calculations and Statistics |
| FSK11BT | | | Physics I |
| PRE1A | | | English Proficiency and |
| PRE2B | | | English Proficiency |
| ANF12BT | | | Anatomy and Physiology I |
| PFS22AT | | | Pathophysiology II |
| BCH22AT | | | Biochemistry II |
| IMM22BT | | | Immunology II |
| BTC12AT | | | Computer Skills I |
| | MKB11AT | | Microbiology I |
| | BLD21AT | | Blood Transfusion Technology |
| | CHP11AT | | Chemical Pathology I |
| | SLP11AT | | Cellular Pathology I |
| | MKB22BT | | Microbiology II |
| | HEM22BT | | Haematology II |
| | CHP22BT | | Chemical Pathology II |
| | SLP22AT | | Cellular Pathology II |
| | | MKB31BT | Microbiology III |
| | | HEM31BT | Haematology III |
| | | CHP31BT | Chemical Pathology III |
| | | SLP31AT | Cellular Pathology III |
| | | LAB31BT / LAB32BT | Laboratory Practice |

Career Opportunities

Qualified Biomedical Technologists are employed in private pathology practices, South African National Blood Service (SANBS), National Health Laboratory Service (NHLs), Medical Research Council (MRC) and other disciplines such as pharmaceutical companies. Opportunities also exist to become involved in research and training at universities. A licensed biomedical technologist can also run his/her own diagnostic pathology laboratory.

2.2 National Diploma: Clinical Technology

TANDCT

| Admission requirements |
|--|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in all three of the following subjects is required: Biology/Physiology, Physical Science, and Mathematics. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a minimum mark of 50% in Life Sciences and Physical Science, as well as a minimum mark of 40% in Mathematics and English, is required. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | Instructional Offerings |
|----------------------|----------------------|---|
| ANA10AT | | Anatomy I |
| FSL10AT | | Physiology I |
| FSK11BT | | Physics I or |
| FSK12BT | | Physics I |
| CHB11CT | | Chemistry I or |
| CHB12CT | | Chemistry I |
| BST11AT | | Calculations and Statistics I or |
| BST12AT | | Calculations and Statistics I |
| PSI11AT | | Psychodynamics I or |
| PSI12AT | | Psychodynamics I |
| PRE1A PRE2B | | English Proficiency and English Proficiency |
| | AFI20CT | Anatomy and Physiology II |
| | RTP11AT | Computer Application I or |
| | RTP12AT | Computer Application I |
| | BAP20AT | Biomedical Apparatus and Procedures I |
| | OSP20AT | Organ and System Pathophysiology II |
| | FAR20AT | Pharmacology II |

| 3 rd Year | Instructional Offerings | |
|---|-------------------------|------------------------------------|
| Any ONE (1) of the seven (7) options below. Refer to compulsory instructional offerings. | | |
| TPC30AT | Cardiology | : Clinical Technology Practice III |
| BMK30CT | | : Biomedical Apparatus III |
| CNK30BT | | : Clinical Practice III |
| TPH30AT | Nephrology | : Clinical Technology Practice III |
| BMN30CT | | : Biomedical Apparatus III |
| CNN30BT | | : Clinical Practice III |
| TPN30AT | Neurophysiology | : Clinical Technology Practice III |
| BME30CT | | : Biomedical Apparatus III |
| CNO30BT | | : Clinical Practice III |
| TPU30AT | Pulmonology | : Clinical Technology Practice III |
| BMP30CT | | : Biomedical Apparatus III |
| CNP30BT | | : Clinical Practice III |
| TPK30AT | Critical Care | : Clinical Technology Practice III |
| BAM30BT | | : Biomedical Apparatus III |
| KPK30BT | | : Clinical Practice III |
| TPT30AT | Reproductive Biology | : Clinical Technology Practice III |
| BIR30BT | | : Biomedical Apparatus III |
| KPR30BT | | : Clinical Practice III |
| PTP30AT | Perfusion | : Clinical Technology Practice III |
| PBA30BT | | : Biomedical Apparatus III |
| CNF30BT | | : Clinical Practice III |

Career Opportunities

Cardiology, pulmonology, critical care, nephrology, reproductive biology, perfusion, neurology.

2.3 National Diploma: Emergency Medical Care

THNDMC

| Admission requirements |
|--|
| ▪ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ▪ In addition to the general admission requirements, a minimum mark of 50% on Standard Grade in at least two of the following subjects is required: Mathematics, Physical Science, and/or Biology/Physiology. Candidates must also successfully complete the selection process – which includes a fitness test, medical check-up and psychological assessment – for admission to the programme. |
| For candidates who completed NSC in 2008 and thereafter: |
| ▪ In addition to the general admission requirements, a minimum mark of 50% in two of the following subjects is required: Life Sciences, Physical Science, and/or Mathematics. Candidates must also successfully complete the selection process – which includes a fitness test, medical check-up and psychological assessment – for admission to the programme. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|--|----------------------|----------------------|---|
| Compulsory instructional offering | | | |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| Main instructional offering | | | |
| ANP10CT | | | Anatomy and Physiology I |
| Main instructional offering | | | |
| BSN10AT | | | Basic Science I |
| Module instructional offerings | | | |
| PSS11AT | | | Physics |
| CHS12AT | | | Chemistry |
| Main instructional offering | | | |
| MCR10AT | | | Medical Rescue I |
| Module instructional offerings | | | |
| ROP12AT | | | Rope Rescue I |
| EXT11AT | | | Extrication I |
| RYS12AT | | | Rescue Systems I |
| Main instructional offering | | | |
| MMC10AT | | | Emergency Medical Care I |
| Module instructional offerings | | | |
| EPP11AT | | | Ethics and Professional Practice I |
| CLR11AT | | | Cardiopulmonary Resuscitation |
| ECP10AT | | | Emergency Care of the Adult and Paediatric Patient |
| OBN12AT | | | Obstetrics and Neonatology I |
| CSC12AT | | | Emergency Care in Special Circumstances |
| Main instructional offering | | | |
| MST10AT | | | Emergency Service Technology I |
| Module instructional offerings | | | |
| BIH10AT | | | Basic Information Technology |
| TOC11AT | | | Theory of Communication |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|---|----------------------|----------------------|--|
| BAT11AT | | | Basic Ambulance Technology |
| Compulsory instructional offerings | | | |
| | PHY20AT | | Physiology II |
| | ESC10AT | | Emergency Service Communication I |
| | PEC12AT | | Psycho-Psychiatric Emergency Care I |
| | PMC10AT | | Pharmacology I |
| Main instructional offering | | | |
| | MCR20AT | | Medical Rescue II |
| Module instructional offerings | | | |
| | ROP21AT | | Rope Rescue II |
| | EXT22AT | | Extrication II |
| | RYS22AT | | Rescue Systems II |
| Main instructional offering | | | |
| | MMC20AT | | Emergency Medical Care II |
| Module instructional offerings | | | |
| | MDE20AT | | Medical Emergencies |
| | TRE20AT | | Trauma Emergencies |
| Compulsory instructional offerings | | | |
| | | GPH10AT | General Pathology I |
| | | ESA10AT | Emergency Service Administration I |
| Main instructional offering | | | |
| | | MCR30AT | Medical Rescue III |
| Module instructional offerings | | | |
| | | ROP31AT | Rope Rescue III |
| | | EXT32AT | Extrication III |
| | | RYS32AT | Rescue Systems III |
| Main instructional offering | | | |
| | | MMC30AT | Emergency Medical Care III |
| Module instructional offerings | | | |
| | | EPP21AT | Ethics and Professional Practice II |
| | | CSP31AT | Cardiovascular Support in the Critical Patient |
| | | IAP30AT | Emergency Care of the Ill and Injured Adult and Paediatric Patient |
| | | OBN22AT | Obstetrics and Neonatology II |
| | | TIP32AT | Transportation of the Ill and Injured Patient |

Career Opportunities

Persons in possession of the National Diploma: Emergency Medical Care are employed nationally and internationally by public (government) and private emergency medical services (ambulance services), as well as by other agencies such as the military and the mining industry.

Remarks

The student must register with the Professional Board for Emergency Care Personnel in terms of the rules and regulations of the Health Professions Act (Act 56 of 1974) and the subsequent amendments pertaining to emergency care personnel, as approved. Work-Integrated Learning will take place at approved units identified by CUT and the Professional Board for Emergency Care Personnel.

2.4 National Diploma: Radiography (Diagnostic)**TANDDA****National Diploma: Radiography (Therapy)****TANDAA**

| Admission requirements |
|--|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in all three of the following subjects is required: Biology/Physiology, Physical Science, and Mathematics. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a minimum mark of 50% in Life Sciences and Physical Science, as well as a minimum mark of 40% in Mathematics, is required. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year Specific Discipline | Instructional Offerings |
|----------------------|----------------------|---|---|
| RAD10AT | | | Radiographic Practice I |
| KLR10AT | | | Clinical Radiographic Practice I |
| SWT10AT | | | Radiation Science I |
| BRE10AT | | | Image Recording |
| FSC10AT | | | Physics and Chemistry |
| ANT10AT | | | Anatomy I |
| FSG10BT | | | Physiology I |
| PSG10AT | | | Psychodynamics of Patient Management I |
| PTO10AT | | | Radiographic Pathology I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | RAD20AT | | Radiographic Practice II (D) |
| | RAT20AT | | Radiographic Practice II (T) |
| | KLD20AT | | Clinical Radiographic Practice II (D) |
| | KLT20AT | | Clinical Radiographic Practice II (T) |
| | SWT20AT | | Radiation Science II |
| | BRE20AT | | Image Recording |
| | STF20AT | | Radiation Physics |
| | PTO20AT | | Radiographic Pathology II |
| | | Diagnostic | |
| | | RAD30AT | Radiographic Practice III (D) |
| | | KLD30AT | Clinical Radiographic Practice III (D) |
| | | SWD30AT | Radiation Science III (D) |
| | | RAB30AT | Radiographic Management III (D) |
| | | Therapy | |
| | | RAT30AT | Radiographic Practice III (T) |
| | | KLT30AT | Clinical Radiographic Practice III (T) |
| | | SWT30AT | Radiation Science III (T) |
| | | SIL30AT | Applied Psychology III (T) |
| | | BIO30AT | Radiobiology III (T) |

Career Opportunities

Radiographer in a government hospital or private practice; educational sector; sales representative for suitable companies. May open a private practice after two years of independent practice as a qualified radiographer.

2.5 National Diploma: Somatology

THNDGI

| Admission requirements |
|---|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who matriculated in 2007 or before: |
| ■ In addition to the general admission requirements, a minimum mark of 50% on Standard Grade or 40% on Higher Grade in Physical Science or Biology or Physiology is required. Mathematics is recommended. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a minimum mark of 50% in Life Sciences or Physical Science is required. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|--|
| SOM10AT | | | Soma Techniques I (main instructional offering) |
| SMT10AT | | | Soma Techniques I (Theory) (module instructional offering) |
| SMP10AT | | | Soma Techniques I (Practical) (module instructional offering) |
| SMR12AT | | | Computer Skills I (module instructional offering) |
| EST10BT | | | Aesthetics I (Theory and Practical) |
| BTK10AT | | | Biotics I (Theory and Practical) |
| WSP10AT | | | Science I (Theory and Practical) |
| AFI10CT | | | Anatomy and Physiology I |
| CCS10AT | | | Communication Skills I |
| VDN10AT | | | Nutrition I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | SOM20AT | | Soma Techniques II (main instructional offering) |
| | SMT20AT | | Soma Techniques II (Theory) (module instructional offering) |
| | SMP20AT | | Soma Techniques II (Practical) (module instructional offering) |
| | BTK20AT | | Biotics II (Theory and Practical) |
| | WSP20AT | | Science II (Theory and Practical) |
| | AFG20BT | | Anatomy and Physiology II |
| | SAK10BB | | Business Practice I |
| | SSK10AT | | Socio-Psychology I |
| | VDN20AT | | Nutrition II |
| | | SOM30AT | Soma Techniques III (main instructional offering) |
| | | SMT30AT | Soma Techniques III (Theory) (module instructional offering) |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|--|
| | | SMP30AT | Soma Techniques III (Practical) (module instructional offering) |
| | | BTK30AT | Biotics III (Theory and Practical) |
| | | SSK20AT | Socio-Psychology II |
| | | VDN30AT | Nutrition III |
| | | SAK20AB | Business Practice II |
| | | BWS30AT | Applied Biological Sciences III |
| | | SOP20AT | Soma Techniques Project II |

Students can obtain an internationally recognised CIDESCO diploma at the end of their third year of study.

Career Opportunities

Open or manage own business in the industry; somatologist at a gymnasium or health spa, and in conjunction with medical practitioners; make-up artist; facilitator at a training institution; health and beauty columnist; sales representative for cosmetic and medical products. Numerous job opportunities are available internationally.

3. National Diplomas: Extended Curriculum Programmes

Prospective students applying for admission to a National Diploma in the Faculty of Health and Environmental Sciences might be referred to an Extended Curriculum Programme (ECP) instead of the mainstream programme. Prospective students may not apply directly for admission to the ECP, but must first apply for admission to the mainstream programme. In the case of a student following the ECP, the duration of the diploma programme will be extended by one year of full-time study.

4. Baccalaureus Technologiae Degrees

4.1 Baccalaureus Technologiae: Biomedical Technology

TABTBH

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Biomedical Technology or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Biomedical Technology, or equivalent qualification, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|--|
| LMN21AT | Laboratory Management or |
| LMN22AT | Laboratory Management |
| NMT21BT | Research Methods and Techniques and |
| NMT22BT | Research Methods and Techniques |
| IPT40AT | Integrated Pathophysiology IV |
| BCH40AT | Biochemistry IV |
| PJT40AT | Project |

See remarks below.

The fourth academic year can be presented on a full-time basis over a period of one year or on a part-time basis over a minimum period of two years.

Career Opportunities

Qualified biomedical technologists are employed in private pathology practices, South African National Blood Service (SANBS), National Health Laboratory Service (N HLS), Medical Research Council (MRC) and other disciplines such as pharmaceutical companies. Opportunities also exist to become involved in research and training at universities. A licensed biomedical technologist can also run his/her own diagnostic pathology laboratory.

4.2 Baccalaureus Technologiae: Clinical Technology

TABTNI

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: ■ National Diploma: Clinical Technology, or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: ■ National Diploma: Clinical Technology, or equivalent qualification, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|---|--|
| Compulsory instructional offerings | |
| BGS11AT | Principles of Management I or |
| BGS12AT | Principles of Management I |
| NMT21CT | Research Methodology: Natural Sciences and |
| NMT22CT | Research Methodology: Natural Sciences |
| Optional instructional offerings | |
| One of the following instructional offerings corresponding with the third-year choice: | |
| KAR40AT | Cardiology IV |
| KRI40AT | Critical Care IV |
| NEF40AT | Nephrology IV |
| NEU40AT | Neurophysiology IV |
| PER40AT | Perfusion IV |
| REP40AT | Reproductive Biology IV |
| PUL40AT | Pulmonology IV |

The fourth academic year can be presented on a full-time basis over a period of one year or on a part-time basis over a minimum period of two years.

Career Opportunities

Cardiology; pulmonology; critical care; nephrology; reproductive biology; perfusion; neurology.

4.3 Baccalaureus Technologiae: Radiography (Diagnostic) TABTDC
Baccalaureus Technologiae: Radiography (Therapy) TABTOT

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Radiography, or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Radiography, or equivalent qualification, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year full-time or 2 years part-time

Instructional Offerings

| 4 th Year Diagnostic | 4 th Year Therapy | Instructional Offerings |
|------------------------------------|---------------------------------|--------------------------------------|
| BSB10BT | | Management Principles and Practice I |
| NMT20BT | | Research Methods and Techniques |
| RAD40AT | | Radiographic Practice IV (D) |
| | BSB10BT | Management Principles and Practice I |
| | NMT20BT | Research Methods and Techniques |
| | RAT40AT | Radiographic Practice IV (T) |

The fourth academic year can be presented on a full-time basis over a period of one year or on a part-time basis over a minimum period of two years.

Career Opportunities

Radiographer in a government hospital or in private practice; educational sector; sales representative for suitable companies. May open a private practice after two years of independent practice as a qualified radiographer.

4.4 Baccalaureus Technologiae: Somatology THBTLO

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ■ National Diploma: Somatology or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ National Diploma: Somatology, or equivalent qualification, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|---|--|
| Compulsory instructional offerings | |
| SOM40AT | Soma Techniques IV (main instructional offering) |
| SMT40AT | Soma Techniques IV (Theory) (module instructional offering) |
| SMP40AT | Soma Techniques IV (Practical) (module instructional offering) |

| 4 th Year | Instructional Offerings |
|--|--|
| NMT20CT | Research Methodology: Natural Sciences |
| SPJ40AT | Somatology Project IV |
| Optional instructional offerings | |
| Plus any two of the following, which are presented for that specific year of study: | |
| BTK40AT | Biotics IV |
| VDG40AT | Nutrition IV |
| SAK30AB | Business Practice III |

The fourth academic year can be presented on a full-time basis over a period of one year or on a part-time basis over a minimum period of two years.

Career Opportunities

Somatologist at a gymnasium or health spa, and in conjunction with a medical practitioner; make-up artist; facilitator at a training institution; health and beauty columnist; sales representative for cosmetics and medical products. Numerous work opportunities are available internationally. Can open or manage own business in the industry.



Faculty of Humanities

Dean: Prof. DP Ngidi

Secretary: Nthabiseng Moeketsi

Tel: 051 507 3216 | Fax: 051 507 3751 | E-mail: nmoeketsi@cut.ac.za

General Enquiries

Faculty Administrator: Mr T Williams

Tel: 051 507 3328 | Fax: 051 507 3751 | E-mail: twilliams@cut.ac.za

General

The Faculty of Humanities consists of four schools, namely the School of Communication Sciences, the School of Design Technology and Visual Art, the School of Jewellery Design situated in Virginia, and the School of Teacher Education.

Qualification Structure

The National Diploma is a three-year, full-time, career-oriented qualification. After obtaining the National Diploma qualification, a student may continue with a fourth year of study to obtain the Baccalaureus Technologiae (BTech) degree, before proceeding with Magister Technologiae (MTech) and Doctor Technologiae (DTech) studies.

For Teacher Education, the initial qualification is the four-year *Baccalaureus Educationis (BEd)

Further Education and Training (FET) Specialisation programme followed by the BEd (Honours) Degree programme, which can be completed within one year on a full-time basis or within two years on a part-time basis. Students also have the opportunity to enrol for the Magister Educationis (MEd) and Philosophiae Doctor (PhD) programmes. Other programmes offered in Teacher Education are the Advanced Certificate in Education (ACE) and the Postgraduate Certificate in Education (PGCE) programmes.

*The admission requirements for the BEd degree are as follows: Admission to a Bachelor's degree for candidates who completed Grade 12 after 2007, and matriculation with exemption for candidates who completed Grade 12 before 2007.

School of Communication Sciences

Director: Mr BG Fredericks

Secretary: Ms N Oberholzer

Tel: 051 507 3327 | Fax: 051 507 3320 | E-mail: nmuller@cut.ac.za

Programme Head: Language Practice

Ms L Louw

Tel: 051 507 331 | Fax: 051 507 3970 | E-mail: llouw@cut.ac.za

1. National Diploma

1.1 National Diploma: Language Practice

SSNDTL

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a minimum mark of 60% on Higher Grade in any **two** official regional languages is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a minimum mark of 60% in any **two** official regional languages is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|--|
| TDN10AS | | | Language Dynamics I |
| TVP10AS | | | Language and Translation Practice I |
| CPU10BS | | | Computer Usage I |
| INT10AS | | | Intercultural Studies I |
| LAE10AS | | | English I |
| LAA10AS | | | Afrikaans I or |
| SOT10AS | | | Sesotho I or |
| GER10AS | | | German I or |
| FCH10AS | | | French I or |
| XHS10AS | | | isiXhosa I or |
| TSW10AS | | | Setswana I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | TDN20AS | | Language Dynamics II |
| | TVP20AS | | Language & Translation Practice II |
| | CPU20BS | | Computer Usage II |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|--|----------------------|----------------------|---------------------------------------|
| | LAE20AS | | English II |
| | LAA20AS | | Afrikaans II or |
| | SOT20AS | | Sesotho II or |
| | GER20AS | | German II or |
| | FCH20AS | | French II or |
| | XHS20AS | | isiXhosa II or |
| | TSW20AS | | Setswana II or |
| | ZUL20AB | | IsiZulu II |
| | VID10AS | | Video: Theory and Practice I |
| | | TDN30AS | Language Dynamics III |
| | | TVP30AS | Language and Translation Practice III |
| | | OPR11AS | Public Speaking I |
| | | LAE30AS | English III |
| And one or more of the following: | | | |
| | | SAD10AS | Business Administration I or |
| | | LAA30AS | Afrikaans III or |
| | | SOT30AS | Sesotho III or |
| | | GER30AS | German III or |
| | | FCH30AS | French III or |
| | | XHS30AS | isiXhosa III or |
| | | TSW30AS | Setswana III or |
| | | ZUL30AB | IsiZulu III |

Career Opportunities

Language practitioner; training officer; copywriter; administrative officer; translator; communications officer; technical writer; public relations officer; journalist; conference organiser.

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2. Baccalaureus Technologiae Degree

2.1 Baccalaureus Technologiae: Language Practice

SSBTTK

| |
|--|
| Admission requirements |
| For candidates who matriculated in 2007 or before: |
| ▪ Appropriate M + 3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Language Practice, with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|--|--------------------------------------|
| Compulsory instructional offerings: | |
| TDN40AS | Language Dynamics IV |
| TVP40AS | Language and Translation Practice IV |
| RTL10AS | Marketing and Advertising Language I |
| NMT10AS | Research Methods and Techniques I |

| 4 th Year | Instructional Offerings |
|-----------------------------------|-------------------------------------|
| And one or more of the following: | |
| CPU30AS | Computer Usage III or |
| LAA40AS | Afrikaans IV (Language X) or |
| LAE40AS | English IV (Language X) or |
| SOT40AS | Sesotho IV or |
| GER40AS | German IV or |
| FCH40AS | French IV or |
| XHS40AS | isiXhosa IV or |
| TSW40AS | Setswana IV or |
| ZUL40AS | isiZulu IV |

Career Opportunities

Language practitioner; training officer; copywriter; administrative officer; translator; communications officer; technical writer; public relations officer; journalist; conference organiser.

School of Design Technology and Visual Art

Acting Director: Prof. FE van Schalkwyk

Secretary: Ms Sylvia Davis

Tel: 051 507 3184 | Fax: 051 507 3197 | E-mail: sdavis@cut.ac.za

Programme Head: Graphic Design

Ms C Bester

Tel: 051 507 3184 | Fax: 051 507 3197 | E-mail: mnortje@cut.ac.za

Programme Head: Fine Art

Dr LM Janse van Vuuren

Tel: 051 507 3192 | Fax: 051 507 3197 | E-mail: lvvuuren@cut.ac.za

Programme Head: Clothing

Prof. FE van Schalkwyk

Tel: 051 507 3383 | Fax: 051 507 3293 | E-mail: fvschalk@cut.ac.za

Programme Head: Photography

Ms M Rowe

Tel: 051 507 3392 | Fax: 051 507 3197 | E-mail: mrowe@cut.ac.za

1. National Diplomas

1.1 National Diploma: Clothing

TVNDKF

Admission requirements

- National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

- In addition to the general admission requirements, a pass in Needlework is recommended.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, candidates must submit a portfolio of their work. Consumer Studies is recommended.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| RVB10AB | | | End-User Computing I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| KKO10AT | | | Clothing Construction I |
| MOG10AT | | | History of Fashion I |
| PKO10AT | | | Pattern Construction I |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|-----------------------------------|
| TET10AT | | | Textile Technology I |
| ITR10AT | | | Interior I |
| ENS11AB | | | English I (Language X) |
| WPC01BV | | | Sewing Practical for Clothing I |
| | KHP10AT | | Retail Practice I |
| | GDS12BT | | Behaviour Studies: Food Service I |
| | PRV20AT | | Promotion: Food/Clothing II |
| | KKO20AT | | Clothing Construction II |
| | PKO20AT | | Pattern Construction II |
| | TET20AT | | Textile Technology II |
| | ITR20AT | | Interior II |
| | WPC02BV | | Sewing Practical for Clothing II |
| | FCP02BV | | Fashion Competitions II |
| | | KHP20AT | Retail Practice II |
| | | SSO11AB | Sesotho I (Language Y) |
| | | PRV30CT | Promotion: Clothing III |
| | | KKO30AT | Clothing Construction III |
| | | PKO30AT | Pattern Construction III |
| | | OND10AB | Business Management I |
| | | BMR10DT | Marketing I |
| | | ITR30AT | Interior III |
| | | WPC03BV | Sewing Practical for Clothing III |
| | | FCP03BV | Fashion Competitions III |

Career Opportunities

Dressmaker, pattern designer, purchaser or interior decorator working in the industry or the public sector. Entrepreneurs can start their own businesses.

1.2 National Diploma: Fashion

KONDFJ

| Admission requirements |
|---|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, candidates must submit a portfolio of their work. Consumer Studies and/or Fine Art is/are recommended. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| ACF10AK | | | Applied Clothing Technology I (main instructional offering) |
| PNF10AK | | | Pattern Technology I (module instructional offering) |
| GTF10AK | | | Garment Technology I (module instructional offering) |
| TXF10AK | | | Textiles I (module instructional offering) |
| CFF10AK | | | Clothing Factory Management and Technology I (module instructional offering) |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| BSF10AK | | | Business Studies I (main instructional offering) |
| ENS11AB | | | English I (module instructional offering) |
| COM12AI | | | Computer Skills I (module instructional offering) |
| DSF10AK | | | Design Studies I |
| TCF10AK | | | Theory of Clothing I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| WFP01BV | | | Sewing Practical for Fashion I |
| | ACF20AK | | Applied Clothing Technology II (main instructional offering) |
| | PNF20AK | | Pattern Technology II (module instructional offering) |
| | GTF20AK | | Garment Technology II (module instructional offering) |
| | CFF20AK | | Clothing Factory Management and Technology II (module instructional offering) |
| | BSF20AK | | Business Studies II |
| | DSF20AK | | Design Studies II |
| | TCF20AK | | Theory of Clothing II |
| | WFP02BV | | Sewing Practical for Fashion II |
| | FCP02BV | | Fashion Competitions II |
| | | ACF30AK | Applied Clothing Technology III (main instructional offering) |
| | | PNF30AK | Pattern Technology III (module instructional offering) |
| | | GTF30AK | Garment Technology III (module instructional offering) |
| | | CFF30AK | Clothing Factory Management and Technology III (module instructional offering) |
| | | BSF30AK | Business Studies III |
| | | DSF30AK | Design Studies III |
| | | TCF30AK | Theory of Clothing III |
| | | WFP03BV | Sewing Practical for Fashion III |
| | | FCP03BV | Fashion Competitions III |

Career Opportunities

Dressmaker, pattern designer, purchaser or interior decorator working in the industry or the public sector. Entrepreneurs can start their own businesses.

1.3 National Diploma: Fine Art

KBNDDE

| |
|---|
| Admission requirements |
| ▪ National Senior Certificate or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ In addition to the general admission requirements, candidates must submit a portfolio of their work. Visual Art is recommended. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| DIM10AK | | | Three-Dimensional Studies I |
| CMM11AK | | | Communication I (Semester 1) |
| CMM12AK | | | Communication I (Semester 2) |
| KUS10AK | | | Art Theory I |
| DRW10AK | | | Drawing: Fine Art I |
| DMS10AK | | | Two-Dimensional Studies I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |

Compulsory instructional offerings:

| | | | |
|--|---------|--|----------------------|
| | CMM20AK | | Communication II |
| | KUS20AK | | Art Theory II |
| | DRW20AK | | Drawing: Fine Art II |

Optional instructional offerings:

Candidates select two of the following subjects:

| | | | |
|--|---------|--|--------------------------|
| | PNT20AK | | Painting II |
| | SCU20AK | | Sculpture II |
| | PRN20AK | | Printmaking II |
| | PHO20AK | | Photography: Fine Art II |
| | CER20AK | | Ceramics: Fine Art II |

Compulsory instructional offerings:

| | | | |
|--|--|---------|-----------------------|
| | | CMM30AK | Communication III |
| | | KUS30AK | Art Theory III |
| | | DRW30AK | Drawing: Fine Art III |

Optional instructional offerings:

Candidates select two of the following subjects:

| | | | |
|--|--|---------|---------------------------|
| | | PNT30AK | Painting III |
| | | SCU30AK | Sculpture III |
| | | PRN30AK | Printmaking III |
| | | PHO30AK | Photography: Fine Art III |
| | | CER30AK | Ceramics: Fine Art III |

Career Opportunities

Museum artist or curator; film and television set and prop designer; décor designer; illustrator; animator; special effects artist; art critic; practising artist.

1.4 National Diploma: Graphic Design

KGNDGD

| Admission requirements |
|--|
| ■ National Senior Certificate or equivalent qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, candidates must submit a portfolio of their work, and an additional applicable assessment may be required. Design is recommended. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|--|
| COD10AK | | | Communication Design I |
| DET10AK | | | Design Techniques I |
| GDD10AK | | | Graphic Design Drawing I |
| GDP11AK | | | Professional Graphic Design Practice I (Semester 1) |
| GDP12AK | | | Professional Graphic Design Practice I (Semester 2) |
| HAD10AK | | | History of Art and Design I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | COD20AK | | Communication Design II |
| | DET20AK | | Design Techniques II |
| | GDD20AK | | Graphic Design Drawing II |
| | GDP20AK | | Professional Graphic Design Practice II |
| | HAD20AK | | History and Theory of Graphic Design II |
| | | COD30AK | Communication Design III |
| | | DET30AK | Design Techniques III |
| | | GDD30AK | Graphic Design Drawing III |
| | | GDP30AK | Professional Graphic Design Practice III |
| | | HAD30AK | History and Theory of Graphic Design III |

Career Opportunities

Newspapers and television; commerce and industry; advertising agencies; design studios; printers and publishers; public sector.

1.5 National Diploma: Photography

KFNDAD

| Admission requirements | Selection | Interview |
|---|-----------|-----------|
| <ul style="list-style-type: none"> National Senior Certificate or equivalent qualification. <p>For candidates who completed the NSC in 2008 and thereafter:</p> <ul style="list-style-type: none"> In addition to the general admission requirements, candidates must submit a portfolio of their work and also attend an interview. | Yes | Yes |
| | | |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| APH10AK | | | Applied Photography I |
| VKM10BK | | | Visual Communication I |
| TFO10BK | | | Theory of Photography I |
| PRO11AK | | | Professional Practice I (Semester 1) |
| PRO12AK | | | Professional Practice I (Semester 2) |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | APH20AK | | Applied Photography II |
| | VKM20BK | | Visual Communication II |
| | TFO20BK | | Theory of Photography II |
| | PRO20AK | | Professional Practice II |

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---------------------------|
| | | APH30AK | Applied Photography III |
| | | VKM30BK | Visual Communication III |
| | | TFO30BK | Theory of Photography III |
| | | PRO30AK | Professional Practice III |

Career Opportunities

Commerce and industry; government and the public sector; film and television; own studio.

2. National Diplomas: Extended Curriculum Programmes

Prospective students applying for admission to a National Diploma in the Faculty of Humanities might be referred to an Extended Curriculum Programme (ECP) instead of the mainstream programme. Prospective students may not apply directly for admission to the ECP, but must first apply for admission to the mainstream programme. In the case of a student following the ECP, the duration of the diploma programme will be extended by one year of full-time study.

3. National Higher Diploma

3.1 National Higher Diploma: Clothing

TVHDCH

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| National Diploma: Clothing or equivalent qualification, and excellent assessment results at diploma level. | Yes | No |

This programme will be offered in Bloemfontein.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|--|
| BMR20AK | Marketing II |
| KKO40AT | Clothing Construction IV |
| MIV20AT | Manpower Management / Interpersonal Relations II |
| NVO10AT | Research Orientation |
| PKO40CT | Pattern Construction IV |

Career Opportunities

Dressmaker, pattern designer, purchaser or interior decorator working in the industry or the public sector. Entrepreneurs can start their own businesses.

4. Baccalaureus Technologiae Degrees

4.1 Baccalaureus Technologiae: Ceramic Design

KKBTSN

| Admission requirements |
|--|
| For candidates who matriculated in 2007 or before: |
| ▪ Appropriate M+3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Ceramic Design with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120
NQF level: 7
Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|----------------------|-----------------------------|
| CPR40AK | Ceramic Practice IV |
| DMN40AK | Design Management IV |
| TEO40AK | Theory of Art and Design IV |

Career Opportunities

Manager of ceramics factory (mass production of ceramic crockery, tiles, etc.), museum curator, ceramic tile or crockery designer (tea-sets, plates and dishes) professional ceramicist, ceramic sculptor or independent entrepreneur.

4.2 Baccalaureus Technologiae: Fine Art

KBBTAR

| |
|--|
| Admission requirements |
| For candidates who matriculated in 2007 or before: |
| ▪ Appropriate M+3 qualification. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ▪ National Diploma: Fine Art with the appropriate instructional offerings. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 120
NQF level: 7
Duration Of Programme: 1 year

Instructional Offerings

| 4 th Year | Instructional Offerings |
|---|--------------------------|
| Compulsory instructional offerings: | |
| ART40AK | Art Theory IV |
| NMD10AK | Research Methodology |
| One of the following optional instructional offerings: | |
| CER40AK | Ceramics: Fine Art IV |
| DRW40AK | Drawing: Fine Art IV |
| PNT40AK | Painting IV |
| PHO40AK | Photography: Fine Art IV |
| PRT40AK | Printmaking IV |
| SCL40AK | Sculpture IV |

Career Opportunities

Museum artist or curator; television and film set and prop designer; décor designer; illustrator; animator; special effects artist; art critic; practising artist.

4.3 Baccalaureus Technologiae: Graphic Design**KGBTGS****Admission requirements****For candidates who matriculated in 2007 or before:**

- Appropriate M + 3 qualification.

For candidates who completed the NSC in 2008 and thereafter:

- National Diploma with the appropriate instructional offerings.

Selection: Yes**Interview:** No

This programme will be offered in Bloemfontein.

SAQA credits: 120**NQF level:** 7**Duration Of Programme:** 1 year**Instructional Offerings**

| 4 th Year | Instructional Offerings |
|----------------------|---|
| HAD40AK | Theory of Graphic Design and Academic Report IV |
| COD40AK | Communication Design IV |

Career Opportunities

Newspapers and television; commerce and industry; advertising agencies; design studios; printers and publishers; public sector.

4.4 Baccalaureus Technologiae: Photography**KFBTGP****Admission requirements****For candidates who matriculated in 2007 or before:**

- Appropriate M + 3 qualification.

For candidates who completed the NSC in 2008 and thereafter:

- National Diploma: Photography, with the appropriate instructional offerings.

Selection: Yes**Interview:** No

This programme will be offered in Bloemfontein.

SAQA credits: 120**NQF level:** 7**Duration Of Programme:** 1 year**Instructional Offerings**

| 4 th Year | Instructional Offerings |
|----------------------|-----------------------------------|
| THY40AK | Theory of Photography IV |
| GPY40AK | Applied Photography IV |
| MET10AK | Research Methods and Techniques I |

Career Opportunities

Commerce and industry; government and public sectors; film and television industries; own studio.

School of Jewellery Design

Programme Head: Mr E Holmes

Secretary: Ms N Mphore

Tel: 057 217 3217 | Fax: 057 217 3217 | E-mail: nmphore@cut.ac.za

Programme Head: Jewellery Design

Mr E Holmes

Tel: 057 217 3217 | Fax: 057 217 3217 | E-mail: nmphore@cut.ac.za/eholmes@cut.ac.za

1. National Diploma

1.1 National Diploma: Jewellery Design and Manufacturing

KJNDJD

Admission requirements

For candidates who matriculated in 2007 or before:

- Senior Certificate and compliance with the general rules as set out in point 3.2.2 of this document. In addition to the general admission requirements, candidates must also have a keen interest in jewellery design and show competency in fine motor skills. Design is recommended.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, candidates must also have a keen interest in jewellery design and show competency in fine motor skills. Design is recommended.

Selection: Yes

Interview: Yes

This programme will be offered in Welkom.

Registration takes place at the Welkom campus, while classes are held in Virginia.

SAQA credits: 360

NQF level: 6

Duration Of Programme: 3 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | Instructional Offerings |
|----------------------|----------------------|----------------------|---|
| JWD10AK | | | Jewellery Design I |
| JLD10AK | | | Jewellery Drawing I |
| JWT10AK | | | Jewellery Techniques I |
| JLT10AK | | | Jewellery Theory I |
| PRE1A PRE2B | | | English Proficiency and English Proficiency |
| | JWD20AK | | Jewellery Design II |
| | JLD20AK | | Jewellery Drawing II |
| | JWT20AK | | Jewellery Techniques II |
| | JLT20AK | | Jewellery Theory II |
| | | JWD30AK | Jewellery Design III |
| | | JLD30AK | Jewellery Drawing III |
| | | JWT30AK | Jewellery Techniques III |
| | | JLT30AK | Jewellery Theory III |

Career Opportunities

Jewellery designer or manufacturer in a small business or the retail jewellery environment. Entrepreneurs can also open their own businesses.

School of Teacher Education

Director: Dr SN Matoti

Secretaries: Ms L Mathinya

Tel: 051 507 3371 / 3348 | Fax: 051 507 3367 | E-mail: Imathinya@cut.ac.za

1. Advanced Certificates in Education: (FET)

1.1 Advanced Certificate in Education: (FET): Computer Applications Technology

BWACCA

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| Recognised teaching qualification at NQF level 5 (360 credits) in Education and Training or RPL equivalent | Yes | No |

Purpose

To enable current teachers with an M + 3 qualification to upgrade to an M + 4 qualification.

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 120

NQF level: 6

Duration Of Programme: 2 years of part-time study

Instructional Offerings

| 1 st Year | | Instructional Offerings |
|----------------------|------------|------------------------------------|
| Semester 1 | Semester 2 | |
| | EDT6000 | Education IV |
| | NMD6000 | Research Methodology |
| CLT6011 | CLT6021 | Computer Applications Technology I |

| 2 nd Year | | Instructional Offerings |
|----------------------|------------|-------------------------------------|
| Semester 1 | Semester 2 | |
| | DID6000 | Specific Subject Didactics IV |
| CLT6012 | CLT6022 | Computer Applications Technology II |

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Enquiries

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1.2 Advanced Certificate in Education: (FET): Mathematical Literacy

BWACML

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| Recognised teaching qualification at NQF level 5 (360 credits) in Education and Training or RPL equivalent | Yes | No |

Purpose

To enable current teachers with an M + 3 qualification to upgrade to an M + 4 qualification.

This programme will be offered in Welkom.

SAQA credits: 120

NQF level: 6

Duration Of Programme: 2 years of part-time study

Instructional Offerings

| 1 st Year | 2 nd Year | Instructional Offerings |
|--|----------------------|-------------------------------|
| Compulsory instructional offerings: | | |
| EDT6000 | | Education IV |
| NMD6000 | | Research Methodology |
| MCL6001 | | Mathematical Literacy I |
| | DID6000 | Specific Subject Didactics IV |
| | MCL6002 | Mathematical Literacy II |

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Enquiries

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2. Baccalaureus Educationis: (FET): Specialisation Programmes

2.1 Baccalaureus Educationis: (FET): Specialisation: Computer Science

BWBESC

| Admission requirements |
|---|
| For candidates who matriculated in 2007 or before: |
| ■ Senior Certificate with matriculation exemption . If Mathematics is selected, Mathematics at NQF level 4 with a D symbol on Higher Grade or C symbol on Standard Grade is required. |
| For candidates who completed the NSC in 2008 and thereafter: |
| ■ In addition to the general admission requirements, a candidate must have the NSC with endorsement for admission to a bachelor's degree. A candidate must have passed either Mathematics with a minimum mark of 50%, or Mathematical Literacy with a minimum mark of 70%. A pass in Information Technology is recommended. |
| Selection: Yes |
| Interview: No |

This programme will be offered in Bloemfontein.

SAQA credits: 480

NQF level: 6

Duration Of Programme: 4 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|---|----------------------|----------------------|----------------------|---|
| Compulsory instructional offerings: | | | | |
| EDT10AS | | | | Education I |
| GSD10AS | | | | General Subject Didactics I |
| SLO10AS | | | | Skills and Life Orientation I |
| RGL10AS | | | | Computer Literacy I |
| CTH10AS | | | | Computer Applications Technology I |
| CPS10AS | | | | Information Technology I |
| PRE1A PRE2B | | | | English Proficiency and English Proficiency |
| Communication in Language X I: | | | | |
| CNX10AS | | | | Communication in English I (Language X) |
| Communication in Language Y I may be chosen from: | | | | |
| CAY10AS | | | | Communication in Afrikaans I (Language Y) or |
| CTY10AS | | | | Communication in Setswana I (Language Y) or |
| CXY10AS | | | | Communication in isiXhosa I (Language Y) or |
| CHY10AS | | | | Communication in Sesotho I (Language Y) or |
| CZY10AS | | | | Communication in isiZulu I (Language Y) |
| One of the following optional instructional offerings: | | | | |
| TEG10AS | | | | Technology I |
| WIS10AB | | | | Mathematics I |
| BWM10AS | | | | Web Management I |
| Compulsory instructional offerings: | | | | |
| | EDT20AS | | | Education II |
| | GSD20AS | | | General Subject Didactics II |
| | SLO20AS | | | Skills and Life Orientation II |
| | RGL10AS | | | Computer Literacy I |
| | CPS20AS | | | Information Technology II |
| | CTH20AS | | | Computer Applications Technology II |
| Communication in Language X II: | | | | |
| | CNX20AS | | | Communication in English II (Language X) |
| Communication in Language Y II may be chosen from: | | | | |
| | CAY20AS | | | Communication in Afrikaans II (Language Y) or |
| | CTY20AS | | | Communication in Setswana II (Language Y) or |
| | CXY20AS | | | Communication in isiXhosa II (Language Y) or |
| | CHY20AS | | | Communication in Sesotho II (Language Y) or |
| | CZY20AS | | | Communication in isiZulu II (Language Y) |

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|---|----------------------|----------------------|----------------------|--|
| One of the following additional instructional offerings: | | | | |
| | RGK20BB | | | Accounting II |
| | WIS20AB | | | Mathematics II |
| Compulsory instructional offerings: | | | | |
| | | EDT30AS | | Education III |
| | | GSD30AS | | General Subject Didactics III |
| | | EDX30ZS | | Teaching Practice III |
| | | EAC11AS | | Extramural Activity and Coaching |
| | | IRM12AS | | Introduction to Research |
| | | CPS30AS | | Information Technology III |
| | | CTH30AS | | Computer Applications Technology III |
| Communication in Language X III may be chosen from: | | | | |
| | | CAX30AS | | Communication in Afrikaans III (Language X) or |
| | | CNX30AS | | Communication in English III (Language X) or |
| | | CTX30AS | | Communication in Setswana III (Language X) or |
| | | CXX30AS | | Communication in isiXhosa III (Language X) or |
| | | CSX30AS | | Communication in Sesotho III (Language X) |
| | | CZX30AS | | Communication in isiZulu III (Language X) |
| One of the following additional instructional offerings: | | | | |
| | | RGK30BB | | Accounting III |
| | | WIS30AB | | Mathematics III |
| Compulsory instructional offerings: | | | | |
| | | | EPT11AS | Educational Practice |
| | | | EDT40AS | Education IV |
| | | | NMT40BB | Research Methodology IV |

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Enquiries

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2.2 Baccalaureus Educationis: (FET): Specialisation: Economic and Management Sciences

BWBSE

Admission requirements

For candidates who matriculated in 2007 or before:

- Senior Certificate with **matriculation exemption**. Grade 12 Accounting is a prerequisite. Mathematics at NQF level 4, with at least a D symbol on Standard Grade, is also required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a candidate must have the NSC with endorsement for admission to a bachelor's degree. A candidate selecting Mathematics as a major subject must have passed either Mathematics with a minimum mark of 50%, or Mathematical Literacy with a minimum mark of 70%. A minimum mark of 50% in Accounting is required, irrespective of whether or not the candidate continues with Accounting after year one.

| |
|-------------------------------|
| Admission requirements |
| Selection: Yes |
| Interview: None |

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 480
NQF level: 6
Duration Of Programme: 4 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|---|----------------------|----------------------|----------------------|---|
| Compulsory instructional offerings: | | | | |
| EDT10AS | | | | Education I |
| GSD10AS | | | | General Subject Didactics I |
| SLO10AS | | | | Skills and Life Orientation I |
| RGL10AS | | | | Computer Literacy I |
| PRE1A PRE2B | | | | English Proficiency and English Proficiency |
| Communication in Language X I: | | | | |
| CNX10AS | | | | Communication in English I (Language X) |
| Communication in Language Y I may be chosen from: | | | | |
| CAY10AS | | | | Communication in Afrikaans I (Language Y) or |
| CTY10AS | | | | Communication in Setswana I (Language Y) or |
| CXY10AS | | | | Communication in isiXhosa I (Language Y) or |
| CHY10AS | | | | Communication in Sesotho I (Language Y) or |
| CZY10AS | | | | Communication in isiZulu I (Language Y) |
| Optional instructional offerings: | | | | |
| EKN10ES | | | | Economics I |
| RGK10BB | | | | Accounting I |
| OND10AS | | | | Business Management I |
| CTH10AS | | | | Computer Applications Technology I |
| WIS10AB | | | | Mathematics I |
| Compulsory instructional offerings: | | | | |
| | EDT20AS | | | Education II |
| | GSD20AS | | | General Subject Didactics II |
| | RGL21AS | | | Computer Literacy II |
| Communication in Language X: | | | | |
| | CNX20AS | | | Communication in English II (Language X) |
| Communication in Language Y II may be chosen from: | | | | |
| | CAY20AS | | | Communication in Afrikaans II (Language Y) or |
| | CTY20AS | | | Communication in Setswana II (Language Y) or |
| | CXY20AS | | | Communication in isiXhosa II (Language Y) or |

| 1 st Year | 2 nd Year | 3 rd Year | 4 Th Year | Instructional Offerings |
|--|----------------------|----------------------|----------------------|--|
| | CHY20AS | | | Communication in Sesotho II (Language Y) or |
| | CZY20AS | | | Communication in isiZulu II (Language Y) |
| Optional instructional offerings: | | | | |
| | EKN20CS | | | Economics II |
| | RGK20BB | | | Accounting II |
| | OND20AS | | | Business Management II |
| | CTH20AS | | | Computer Applications Technology II |
| | WIS20AB | | | Mathematics II |
| Compulsory instructional offerings: | | | | |
| | | EDT30AS | | Education III |
| | | GSD30AS | | General Subject Didactics III |
| | | EDX30ZS | | Practical Teaching III |
| | | EAC11AS | | Extramural Activity and Coaching |
| | | IRM12AS | | Introduction to Research |
| Communication in Language X III may be chosen from: | | | | |
| | | | CAY30AS | Communication in Afrikaans III (Language Y) or |
| | | | CNX30AS | Communication in English III (Language Y) or |
| | | | CTX30AS | Communication in Setswana III (Language Y) or |
| | | | CXX30AS | Communication in isiXhosa III (Language Y) or |
| | | | CSX30AS | Communication in Sesotho III (Language Y) or |
| Optional instructional offerings: | | | | |
| | | EKN30BS | | Economics III |
| | | RGK30BB | | Accounting III |
| | | OND30AS | | Business Management III |
| | | CTH30AS | | Computer Applications Technology III |
| | | WIS30AB | | Mathematics III |
| Compulsory instructional offerings: | | | | |
| | | | EPT11AS | Educational Practice |
| | | | EDT40AS | Education IV |
| | | | GSD40AS | General Subject Didactics IV |

Career Opportunities

Teacher or lecturer at a secondary school or FET college; training officer at a private or public institution.

Enquiries

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2.3 Baccalaureus Educationis: (FET): Specialisation: Languages BWBESL

| Admission requirements | |
|---|--|
| For candidates who matriculated in 2007 or before: | |
| ■ Senior Certificate with matriculation exemption and with two languages, including English Second Language. In addition to the general admission requirements, a minimum mark of 50% in English <u>and</u> any one of Sesotho, Afrikaans, Setswana, isiXhosa or isiZulu is required. | |
| For candidates who completed the NSC in 2008 and thereafter: | |
| ■ In addition to the general admission requirements, a candidate must have the NSC with endorsement for admission to a bachelor's degree. A minimum mark of 50% in English and in any one of Sesotho, Afrikaans, Setswana, isiXhosa or isiZulu is required. | |
| Selection: Yes | |
| Interview: No | |

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 480

NQF level: 6

Duration Of Programme: 4 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|--|----------------------|----------------------|----------------------|---|
| Compulsory instructional offerings: | | | | |
| EDT10AS | | | | Education I |
| GSD10AS | | | | General Subject Didactics I |
| SLO10AS | | | | Skills and Life Orientation I |
| RGL10AS | | | | Computer Literacy I |
| CNX10AS | | | | Communication in English I (Language X) |
| PRE1A PRE2B | | | | English Proficiency and English Proficiency |
| Communication in Language Y I may be chosen from: | | | | |
| CAY10AS | | | | Communication in Afrikaans I (Language Y) or |
| CHY10AS | | | | Communication in Sesotho I (Language Y) or |
| CTY10AS | | | | Communication in Setswana I (Language Y) or |
| CXY10AS | | | | Communication in isiXhosa I (Language Y) or Communication in isiZulu I (Language Y) |
| Compulsory instructional offering: | | | | |
| LAX10AB | | | | English I |
| Optional instructional offerings: | | | | |
| Any Language may be chosen from: | | | | |
| TAL10AB | | | | Afrikaans I or |
| STX10AB | | | | Sesotho I or |
| TWA10AS | | | | Setswana I or |
| XHO10BS | | | | isiXhosa I or isiZulu I |
| A Special Language may be chosen from: | | | | |
| TAY10AB | | | | Afrikaans I Special or |
| SHY10AB | | | | Sesotho I Special or |
| TWY10AB | | | | Setswana I Special or |
| XHY10AB | | | | isiXhosa I or isiZulu I Special |

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|--|----------------------|----------------------|----------------------|--|
| Compulsory instructional offerings: | | | | |
| | EDT20AS | | | Education II |
| | GSD20AS | | | General Subject Didactis II |
| | CNX20AS | | | Communication in English II (Language X) |
| Communication in Language Y II: | | | | |
| | CAX20AS | | | Communication in Afrikaans II (Language Y) or |
| | CHY20AS | | | Communication in Sesotho II (Language Y) or |
| | CTY20AS | | | Communication in Setswana II (Language Y) or |
| | CXY20AS | | | Communication in isiXhosa II (Language Y) or |
| | CZY20AS | | | Communication in isiZulu II (Language Y) |
| | CXY20AS | | | Communication in isiXhosa II (Language Y) |
| Compulsory instructional offering: | | | | |
| | LAX20AB | | | English II |
| Optional instructional offerings: | | | | |
| Any Language may be chosen from: | | | | |
| | TAL20AB | | | Afrikaans II or |
| | STX20AB | | | Sesotho II or |
| | TWA20AS | | | Setswana II or |
| | XHO20BS | | | isiXhosa II (Language X) |
| A Special Language may be chosen from: | | | | |
| | TAY20AB | | | Afrikaans II Special or |
| | SHY20AB | | | Sesotho II Special or |
| | TWY20AB | | | Setswana II Special or |
| | XHY20AB | | | isiXhosa II Special or isiZulu II (Language X) |
| Compulsory instructional offerings: | | | | |
| | | EDT30AS | | Education III |
| | | GSD30AS | | General Subject Didactics III |
| | | EDX30ZS | | Teaching Practice III |
| | | EAC11AS | | Extramural Activity and Coaching |
| | | IRM12AS | | Introduction to Research |
| | | CNX30AS | | Communication in English III (Language X) |
| Communication in Language Y III may be chosen from: | | | | |
| | | CAX30AS | | Communication in Afrikaans III (Language Y) or |
| | | CSX30AS | | Communication in Sesotho III (Language Y) or |
| | | CTX30AS | | Communication in Setswana III (Language Y) or |
| | | CXX30AS | | Communication in isiXhosa III (Language Y) or |
| | | CZX30AS | | Communication in isiZulu III (Language Y) |
| | | CXX30AS | | Communication in isiXhosa III (Language Y) |

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|--|----------------------|----------------------|----------------------|--------------------------------|
| Compulsory instructional offering: | | | | |
| | | LAX30AB | | English III |
| Optional instructional offerings: | | | | |
| Any Language may be chosen from: | | | | |
| | | TAL30AB | | Afrikaans III or |
| | | STX30AB | | Sesotho III or |
| | | TWA30AS | | Setswana III or |
| | | XHO30BS | | isiXhosa III or isiZulu III |
| Compulsory instructional offerings: | | | | |
| | | | EPT11AS | Educational Practice |
| | | | EDT40AS | Education IV |
| | | | GSD40AS | General Subject Didactics IV |

Career Opportunities

Teacher or lecturer at a secondary school or FET college; training officer at a private or public institution.

Enquiries

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2.4 Baccalaureus Educationis: (FET): Specialisation: Natural Sciences

BWBESN

Admission requirements

For candidates who matriculated in 2007 or before:

- Senior Certificate with matriculation exemption. Mathematics, Biology, Chemistry and Physics at NQF level 4 are prerequisites. A C symbol on Standard Grade or E symbol on Higher Grade in Mathematics is required.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a candidate must have the NSC with endorsement for admission to a bachelor's degree. A candidate selecting Physics and/or Chemistry as major subject(s) must have passed Physical Science with a minimum mark of 50%. A candidate selecting Mathematics as a major subject must have passed Mathematics with a minimum mark of 50%.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 480

NQF level: 6

Duration Of Programme: 4 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|--|----------------------|----------------------|----------------------|-------------------------------|
| Compulsory instructional offerings: | | | | |
| EDT10AS | | | | Education I |
| GSD10AS | | | | General Subject Didactics I |
| SLO10AS | | | | Skills and Life Orientation I |
| RGL10AS | | | | Computer Literacy I |
| WIS10AB | | | | Mathematics I |

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|---|----------------------|----------------------|----------------------|---|
| PRE1A | | | | English Proficiency and English Proficiency |
| PRE2B | | | | |
| MCL10AS | | | | Mathematical Literacy I |
| Communication in Language X I: | | | | |
| CNX10AS | | | | Communication in English I (Language X) |
| Communication in Language Y I may be chosen from: | | | | |
| CAY10AS | | | | Communication in Afrikaans I (Language Y) or |
| CTY10AS | | | | Communication in Setswana I (Language Y) or |
| CXY10AS | | | | Communication in isiXhosa I (Language Y) or |
| CHY10AS | | | | Communication in Sesotho I (Language Y) or |
| CZY10AS | | | | Communication in isiZulu I (Language Y) |
| Optional instructional offerings: | | | | |
| Two of the following instructional offerings: | | | | |
| BLE10AS | | | | Biology (Education) I |
| PED10AB | | | | Physics (Education) I |
| CME10AS | | | | Chemistry (Education) I |
| Compulsory instructional offerings: | | | | |
| | EDT20AS | | | Education II |
| | GSD20AS | | | General Subject Didactics II |
| | RGL21AS | | | Computer Literacy II |
| | EDX20ZS | | | Teaching Practice II |
| | SLO20AS | | | Skills and Life Orientation II |
| Communication in Language X II: | | | | |
| | CNX20AS | | | Communication in English II (Language X) |
| Communication in Language Y II may be chosen from: | | | | |
| | CAY20AS | | | Communication in Afrikaans II (Language Y) or |
| | CTY20AS | | | Communication in Setswana II (Language Y) or |
| | CXY20AS | | | Communication in isiXhosa II (Language Y) or |
| | CHY20AS | | | Communication in Sesotho II (Language Y) or |
| | CZY20AS | | | Communication in isiZulu II (Language Y) |
| Optional instructional offerings: | | | | |
| Two of the following instructional offerings: | | | | |
| | BLE20AS | | | Biology (Education) II |
| | WIS20AB | | | Mathematics II |
| | PED20AB | | | Physics (Education) II |
| | CME20AS | | | Chemistry (Education) II |
| Compulsory instructional offerings: | | | | |
| | | EDT30AS | | Education III |
| | | GSD30AS | | General Subject Didactics III |
| | | EDX30ZS | | Teaching Practice III |

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|---|----------------------|----------------------|----------------------|---|
| | | EAC11AS | | Extramural Activity and Coaching |
| Communication in Language X III: | | | | |
| | | CAY30AS | | Communication in Afrikaans III (Language Y) or |
| | | CTY30AS | | Communication in Setswana III (Language Y) or |
| | | CXY30AS | | Communication in isiXhosa III (Language Y) or |
| | | CHY30AS | | Communication in Sesotho III (Language Y) or |
| | | CZY30AS | | Communication in isiZulu III (Language Y) |
| Two of the following optional instructional offerings: | | | | |
| | | BLE30AS | | Biology (Education) III |
| | | WIS30AB | | Mathematics III |
| | | PED30AB | | Physics (Education) III |
| | | CME30AS | | Chemistry (Education) III |
| Compulsory instructional offerings: | | | | |
| | | | EPT11AS | Educational Practice |
| | | | EDT40AS | Education IV |
| | | | NMT40BB | Research Methodology IV |

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Enquiries

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2.5 Baccalaureus Educationis: (FET): Specialisation: Technology BWBEST

Admission requirements

For candidates who matriculated in 2007 or before:

- Senior Certificate with matriculation exemption. If Mathematics is selected, Mathematics at NQF level 4 with a D symbol on Higher Grade or C symbol on Standard Grade is required. Technical Drawing at NQF level 4 is recommended.

For candidates who completed the NSC in 2008 and thereafter:

- In addition to the general admission requirements, a candidate must have the NSC with endorsement for admission to a bachelor's degree. A candidate selecting Mathematics as a major subject must have passed either Mathematics with a minimum mark of 50%, or Mathematical Literacy with a minimum mark of 70%. Engineering Graphics and Design is recommended.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA credits: 480

NQF level: 6

Duration Of Programme: 4 years

Instructional Offerings

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|---|----------------------|----------------------|----------------------|--|
| Compulsory instructional offerings: | | | | |
| EDT10AS | | | | Education I |
| GSD10AS | | | | General Subject Didactics I |
| SLO12AS | | | | Skills and Life Orientation I |
| TEG10AS | | | | Design Technology I |
| TAA10AS | | | | General Technology I |
| TAS10AS TAE10AS TAM10AS | | | | Civil Technology I or Electrical Technology or Mechanical Technology I |
| GRA10AB | | | | Graphics I |
| PRE1A PRE2B | | | | English Proficiency or English Proficiency |
| MCL10AS | | | | Mathematical Literacy I |
| Communication in Language X I: | | | | |
| CNX10AS | | | | Communication in English I (Language X) |
| Communication in Language Y I may be chosen from: | | | | |
| CAY10AS | | | | Communication in Afrikaans I (Language Y) or |
| CTY10AS | | | | Communication in Setswana I (Language Y) or |
| CXY10AS | | | | Communication in isiXhosa I (Language Y) or |
| CHY10AS | | | | Communication in Sesotho I (Language Y) or |
| CZY10AS | | | | Communication in isiZulu I (Language Y) |
| Optional instructional offerings: (Select one) | | | | |
| WIS10AB | | | | Mathematics I |
| CTH10AS | | | | Computer Applications Technology I |
| Compulsory instructional offerings: | | | | |
| | EDT20AS | | | Education II |
| | GSD20AS | | | General Subject Didactics II |
| | SLO22AS | | | Skills and Life Orientation II |
| | RGL21AS | | | Computer Literacy II |
| | TEG20AS | | | Design Technology II or |
| | TAM20AS | | | Mechanical Technology II or |
| | TAE20AS | | | Electrical Technology II or |
| | TAS20AS | | | Civil Technology II |
| | GRA20AB | | | Graphics II |
| | EDX20ZS | | | Teaching Practice II |
| Communication in Language X II: | | | | |
| | CNX20AS | | | Communication in English II (Language X) |
| Communication in Language Y II may be chosen from: | | | | |
| | CAY20AS | | | Communication in Afrikaans II (Language Y) or |
| | CTY20AS | | | Communication in Setswana II (Language Y) or |

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Enquiries

Mr WJ Viljoen

Tel: 051 507 3823 | Fax: 051 507 3367 | E-mail: wvijoen@cut.ac.za

| 1 st Year | 2 nd Year | 3 rd Year | 4 th Year | Instructional Offerings |
|--|----------------------|----------------------|----------------------|---|
| | CXY20AS | | | Communication in isiXhosa II (Language Y) or |
| | CHY20AS | | | Communication in Sesotho II (Language Y) or |
| | CZY20AS | | | Communication in isiZulu II (Language Y) |
| Optional instructional offerings: (Select one of the following) | | | | |
| | WIS20AB | | | Mathematics II |
| | CTH20AS | | | Computer Applications Technology II |
| Compulsory instructional offerings: | | | | |
| | | EDT30AS | | Education III |
| | | GSD30AS | | General Subject Didactics III |
| | | EDX30ZS | | Teaching Practice III |
| | | EAC11AS | | Extramural Activity and Coaching |
| | | GRA30AB | | Graphics III |
| Communication in Language X III: | | | | |
| | | CAX30AS | | Communication in Afrikaans III (Language Y) or |
| | | CNX30AS | | Communication in English III (Language Y) or |
| | | CTX30AS | | Communication in Setswana III (Language Y) or |
| | | CXX30AS | | Communication in isiXhosa III (Language Y) or |
| | | CSX30AS | | Communication in Sesotho III (Language Y) or |
| | | CZX30AS | | Communication in isiZulu III (Language Y) |
| | | CSX30AS | | Communication in Sesotho III (Language Y) |
| Optional instructional offerings: (Select two of the following) | | | | |
| | | TEG30AS | | Technology III or |
| | | TAM30AS | | Mechanical Technology III or |
| | | TAE30AS | | Electrical Technology III or |
| | | TAS30AS | | Civil Technology III |
| | | WIS30AB | | Mathematics III |
| | | CTH30AS | | Computer Applications Technology III |
| Compulsory instructional offerings: | | | | |
| | | | EPT11AS | Educational Practice |
| | | | EDT40AS | Education IV |
| | | | GSD40AS | General Subject Didactics IV |

3. Postgraduate Certificate in Education

3.1 Postgraduate Certificate in Education (PGCE)

BWPCWC

Purpose

To provide training for the initial professional qualification of teachers and to train other specialists to become qualified educators. The development of teachers is receiving high priority in South Africa, especially among disadvantaged communities.

This PGCE, specialising in the training of FET educators, will enable current professionals without a professional teaching qualification, but with an M + 3 (360-credit) qualification, to qualify as an educator.

| Admission requirements | Selection | Interview |
|---|-----------|-----------|
| <p>The applicant must normally hold at least a bachelor's degree or a three-year diploma at NQF level 6 (360 credits). The degree or diploma must include at least two school-related subjects at second-year level.</p> <p>Alternatively one school-related subject must be either at second- or third-year level and one at first-year level, on condition that the latter will be registered for upgrading to second-year level concurrently with the PGCE for non-degree purposes. The school-related subjects for the 360-credit diploma must be within the DHET fields.</p> | Yes | No |

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 144

NQF level: 6

Duration Of Programme: 1 year full-time or 2 years part-time

Instructional Offerings

| 1 st Year | Instructional Offerings |
|-----------------------------|--|
| ODW40AB | Education IV |
| RFS40AB | Professional Studies IV |
| CPL21AB | Computer Literacy II |
| INR10AB | Introduction to Research I |
| SBL40AB | School-Based Learning IV |
| Choose one: | |
| LDA22AB | Language and Development Communication II (Language X) Afrikaans or |
| LDE22AB | Language and Development Communication II (Language X) English or |
| LDS22AB | Language and Development Communication II (Language X) Sesotho |
| Methodology : (Choose two): | |
| MRE40AB | Methodology: Accounting |
| MAW40AB | Methodology: Agricultural Sciences |
| MBS40AB | Methodology: Business Studies |
| MCT40AB | Methodology: Civil Technology |
| MCA40AB | Methodology: Computer Applications Technology |
| MCN40AB | Methodology: Consumer Studies |
| MEK40AB | Methodology: Economics |
| MEY40AB | Methodology: Electrical Technology |
| MGD40AB | Methodology: Engineering Graphics and Design |
| MGY40AB | Methodology: Geography |
| MHI40AB | Methodology: History |
| MGS40AB | Methodology: Hospitality Studies |
| MIT40AB | Methodology: Information Technology |
| MAF40AB | Methodology: Afrikaans |

| 1 st Year | Instructional Offerings |
|----------------------|------------------------------------|
| MEH40AB | Methodology: English |
| MSE40AB | Methodology: Sesotho |
| MLO40AB | Methodology: Life Orientation |
| MLS40AB | Methodology: Life Sciences |
| MML40AB | Methodology: Mathematical Literacy |
| MWI40AB | Methodology: Mathematics |
| MTE40AB | Methodology: Mechanical Technology |
| MPH40AB | Methodology: Physical Science |
| MTO40AB | Methodology: Tourism |

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Enquiries

Dr J Selesho (Bloemfontein Campus)

Tel: 051 507 3364 | Fax: 051 507 3367 | E-mail: jselesho@cut.ac.za

Prof. GJ Schlebusch (Welkom Campus)

Tel: 057 910 3638 | Fax: 086 619 2586 | E-mail: gschlebu@cut.ac.za

4. Bachelor of Education (Hons)

4.1 Bachelor of Education (Hons): Educational Management

BWBEHW

Admission requirements

NSC or Senior Certificate and an applicable qualification evaluated as an REQV 14 certificate recognised by the DHET or an applicable M+4 qualification.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein and Welkom.

SAQA credits: 120

NQF level: 7

Duration Of Programme: 1 year full-time or 2 years part-time

Instructional Offerings

| 1 st Year | Instructional Offerings |
|----------------------|--|
| LED10AB | Law of Education I |
| RES30AB | Research Methods and Techniques III |
| PME50AB | Personnel Management in Education V |
| MEI50AB | Management of Educational Institutions V |
| TEO50AB | Theory of Education V |

Career Opportunities

The qualification will improve the candidate's position when applying for promotion.

Enquiries

Dr J Selesho (Bloemfontein Campus)

Tel: 051 507 3364 | Fax: 051 507 3367 | E-mail: jselesho@cut.ac.za

Prof. GJ Schlebusch (Welkom Campus)

Tel: 057 910 3638 | Fax: 086 619 2586 | E-mail: gschlebu@cut.ac.za

5. Magister Educationis

5.1 Magister Educationis (Research)

MED

| Admission requirements |
|--|
| Approved professional teacher's qualification, BEd (Hons) or education-related honours degree. The instructional offering Research Methodology or a recognised equivalent with a minimum of 65%. |
| Selection: Yes |
| Interview: Yes |

This programme will be offered in Welkom.

SAQA credits: 240

NQF level: 8A

Duration Of Programme: 2 years full-time or 3 years part-time

Instructional Offering

| Module | | | |
|---------|------------------|---------|---|
| Code | Name | Credits | |
| EDU8000 | MEd Dissertation | 240 | C |

Career Opportunities

The qualification will improve the candidate's position when applying for promotion and will empower the candidate when applying for a position in the higher education and training sector. Research capabilities will also be enhanced.

Enquiries

Prof. G J Schlebusch

Tel: 057 910 3638 | Fax: 086 619 2586 | E-mail: gschlebu@cut.ac.za

5.2 Master in Education

BWMWMA

| Admission requirements | Selection | Interview |
|---|-----------|-----------|
| BEd (Hons). The instructional offering Research Methodology or a recognised equivalent with a minimum of 65%. | No | No |

This programme will be offered in Bloemfontein.

SAQA credits: 240

NQF level: 8A

Duration Of Programme: 2 years full-time

Instructional Offering

| Module | | | |
|---------|--------------|---------|---|
| Code | Name | Credits | |
| TIS90AB | Dissertation | 240 | C |

Career Opportunities

This programme is designed for candidates seeking to enhance their professional preparation and/or to prepare for other responsibilities in education. On successful completion of his/her studies, the graduate is expected to possess those professional attributes and competencies to qualify for a position of responsible leadership. This programme may be pursued in the field of education only.

Enquiries

Dr J Selesho

Tel: 051 507 3364 | Fax: 051 507 3367 | E-mail: jselesho@cut.ac.za

6. Doctoral Degrees in Education

6.1 Doctor Philosophiae: Education

(PHD E)

| Admission requirements | Selection | Interview |
|---|-----------|-----------|
| Any relevant master's qualification. A professional teaching qualification is a prerequisite. | Yes | Yes |

This programme will be offered in Bloemfontein.

SAQA credits: 360

NQF level: 8B

Duration Of Programme: 3 years part-time

Instructional Offering

| | Instructional Offering |
|---------|------------------------|
| EDU8500 | PhD: Education |

Career Opportunities

This qualification will empower the candidate when applying for a senior position in the higher education and training sector.

Enquiries

Dr J Selesho

Tel: 051 507 3364 | Fax: 051 507 3367 | E-mail: jselesho@cut.ac.za

6.2 Philosophiae Doctor (Research)

PHD E

| Admission requirements | Selection | Interview |
|--|-----------|-----------|
| MEd or education-related master's degree. A professional teaching qualification is a prerequisite. | Yes | Yes |

This programme will be offered in Welkom.

SAQA credits: 360

NQF level: 8B

Duration Of Programme: Minimum 3 years

Instructional Offering

| Module | Code | Name | Credits |
|--------|---------|----------------|---------|
| | EDU8500 | PhD: Education | 360 |

Career Opportunities

This qualification will empower the candidate when applying for a senior position in the higher education and training sector. Research at the highest level is also promoted.

Enquiries

Prof. G J Schlebusch (Welkom Campus)

Tel: 057 910 3638 | Fax: 086 619 2586 | E-mail: gschlebu@cut.ac.za



Support Services

- E-Learning and Educational Technology ■
- Centre for Work-Integrated Learning and Skills Development ■
- Student Services ■
- Residence Life ■
- Student Life ■
- Student Development And Governance ■
- Wellness Centre ■
- Library And Information Services (LIS) ■
- Operational Sport ■
- Fees, Bursaries and Loans ■

E-Learning and Educational Technology

e-Learning or electronic education is playing an increasingly important role at CUT. Students stand to benefit from this, as the programmes are supplemented by e-learning components. The contents of lectures, projects and assessment are available on the intranet. Thus, by means of computers on campus or at home, students can access the e-learning modules via the internet. In this way, a more inclusive service is provided to our students. e-Learning and educational technology are increasingly being integrated into the presentation of our programmes in order to ensure the best student service possible.

Enquiries

Mr JJC Badenhorst

Tel: 051 507 3322 | Fax: 051 507 3243 | E-mail: jbaden@cut.ac.za

Centre for Work-Integrated Learning and Skills Development

Work-Integrated Learning (WIL):

The Centre for Work-Integrated Learning and Skills Development prepares students for the world of work and establishes mechanisms to increase student placements for Work-Integrated Learning, a compulsory practical component of academic programmes.

WIL is primarily responsible for the following:

- Negotiating suitable placement positions for students with companies and institutions;
- Providing industry information and preparing students for the world of work through information sessions;
- Assisting with the development of methods and processes for monitoring and assessing student performance;
- Setting up and maintaining databases for potential student placement positions;
- Assisting with the drafting of WIL guidelines and programmes (logbooks and study guides); and
- Liaising with the various faculties on an ongoing basis to develop effective WIL systems and to address identified needs through workshops and training sessions.

Enquiries:

Mr H Jacobs Tel: 051 507 3352

Mr B Mokoma Tel: 051 507 3351

Careers Office:

The Careers Office enhances student and graduate employability through a series of meaningful events focusing on development and recruitment issues, ranging from the career development of students to graduate recruitment.

The following services are offered:

- Job-hunting skills
- Mock Interviews – an opportunity to improve interviewing skills/experience
- Graduate recruitment involving on-campus company presentations, networking events and career fairs
- Distributing career- and job-related information
- Maintaining an employer and student CV database
- Keeping a careers library with e-careers resources

Enquiries:

Ms M Bosch Tel: 051 507 3721 (Bloemfontein Campus)

Ms L Hoare Tel: 057 910 3656 (Welkom Campus)

Student Services

General

By means of the education and training provided, CUT aims to prepare students not only for the modern technological world in such a way that they will be able to meet and master the relevant challenges, but also for responsible citizenship.

CUT provides services that remove barriers and create an environment conducive to the conditions and opportunities necessary for students and staff to participate in scholarship. CUT also encourages the development of an environment that embraces various activities and cultures, thus endorsing growth and development outside the classroom.

The term "seamless education" best describes the above.

It is with this aim in view that Student Services endeavours to establish a living and learning environment that integrates a range of curricular and extracurricular activities.

*Deputy Registrar: Student Services is responsible for the co-ordination of such.

**Deputy Vice-Chancellor: Academic is responsible for the co-ordination of such.

| *Deputy Registrar: Student Services | *Student Wellbeing | **Centre for Work-Integrated Learning and Skills Development / Careers Office |
|---|---|---|
| <ul style="list-style-type: none">■ Student Governance/SRC■ Student Development■ Student Information■ Student Union■ Student Organisations■ Variety of Cultural Activities■ Recreational Sport■ Mr/Miss CUT■ Carnival■ Residence Life■ Student Discipline | <ul style="list-style-type: none">■ Counselling■ Student Selection Support■ Reading Development■ Chaplaincy■ Social Services■ Student Wellness■ Community Outreach Programmes■ Health Services■ Student Applications■ Student Enrolments■ Operational Sport | <ul style="list-style-type: none">■ Work-Integrated Learning■ Careers Office |

Residence Life

CUT's residences are conveniently situated on or near the campus and offer accommodation in single and double rooms.

The residences are student-friendly and are equipped with, amongst other things, washing-machines and tumble-dryers, telephones, televisions and M-Net. Each residence is equipped with self-catering services, but students can also enjoy affordable and balanced meals at the campus cafeteria.

Each residence has its own House Committee to manage the residence in collaboration with the Residence Manager. Social, cultural and sporting activities are held on a regular basis. However, the academic aspect enjoys the highest priority.

Students must apply in good time so as to avoid disappointment.

Address your enquiries to:

Manager: Residence Life

Central University of Technology, Free State (CUT)

Private Bag X20539

Bloemfontein

9300

Tel: 051 507 3149

Student Life

Student Services presents various cultural and student development activities on a regular basis. The most important factor is: "Get involved!"

Provision is made in some way or other for the interests of each student. In the academic field, students' interests are further stimulated by existing subject associations in most study fields, which offer interesting activities throughout the year under the protection of a guardian lecturer.

In the cultural arena, there is close liaison with the various arts councils, while students are welcome to join any clubs that may interest them. For students who enjoy dancing, for instance, we offer ballroom and Latin American dancing, while the CUT Revue Group holds regular performances.

The CUT Choir also offers students the opportunity to further develop their musical and singing talents. Other cultural associations include the Drama Association, *Voortrekkers*, Chess Club and Debating Society, while members of the Columbini Adventure Club regularly go on hiking expeditions. The Women Students' Organisation is dedicated to the needs of our female students, while Club Fortes is there to ensure that all students have an enjoyable social and cultural life. The Student Union has been established to make a positive contribution to a vibrant student life. We also celebrate the richness and diversity of the different cultures on campus during our annual Culture Week.

Young writers can develop their talents further by serving on the editorial staff of the student newspaper, *Speculum*.

Enquiries:

Tel: 051 507 3153

Student Development and Governance

Student leadership programmes are offered to prepare students for leadership roles and responsibilities on campus and in society at large. We are committed to helping students explore and optimise their leadership potential. Leading students set the standards, and by word and deed also inspire other students to perform better in all aspects of life. Our local community needs citizens who are prepared to make a positive contribution. These opportunities are made possible through the Student Development and Governance Unit, which oversees all choir, drama, chess, dancing and debating activities.

CUT has a diverse community with different backgrounds and traditions. Every year, we set aside one week to celebrate the cultural heritage of all the groups represented on campus. These festivities, which include traditional food, music and dance, are aimed at bridging the cultural gap and helping staff members and students to better understand one another.

Enquiries:

Tel: 051 507 3322

Wellness Centre

Second Floor, Lapeng Student Centre

Manager: Wellness Centre

Mr G Cronje

Tel: 051 507 3156

The Centre is responsible for providing a number of comprehensive services, namely health and psychological/counselling services, academic support, reading development, social work services, chaplaincy services, and the selection of prospective students. Psychological and Social Services can be found on the second floor of the Lapeng Student Centre, while the Medical Centre is situated alongside the Welgemoed residence.

Counselling

Services to enrolled students

Are your personal problems weighing you down? Are you depressed? Do you lack self-confidence? Are you involved in unhealthy relationships or experiencing domestic problems?

The Wellness Centre will address these personal issues, as well as all stumbling blocks hindering your progress towards achieving academic success at CUT, through individual and/or group counselling sessions. The Centre offers a wide range of life skills programmes, including stress management, assertiveness training and motivation. The Wellness Centre is specifically there for you as a student. The services (as listed below) are provided by registered psychologists, and all information is strictly confidential. If you have any form of personal crisis, you are welcome to visit us. We are here to help you. Services are offered free of charge to all enrolled students on an appointment basis.

Services offered

- Course information
- Change of course
- Study guidance
- Academic assistance
- Reading development
- Adjustment problems
- Relationship problems
- Personal problems
- Emotional problems
- Dealing with trauma (rape, loss of a loved one, etc.)
- Depression
- Family problems
- Wellness programmes
- Alcohol and drug abuse

Services to prospective students

Comprehensive career guidance services are offered. The emphasis is on the importance of personal decision-making skills and the associated acceptance of responsibility. The prospective student is, however, supported in this process by professionally qualified staff members who make use of a variety of techniques, including psychometric testing, career information and interviews. Prospective students pay R1 000 for the career guidance programme.

Reading development

The Wellness Centre offers a service aimed at improving the reading and studying techniques of students. The Centre also has two computerised reading laboratories where students can improve their reading and studying techniques with the aid of computerised reading programs.

The aim is to give students the opportunity to improve their reading speed and reading comprehension as much as possible in a controlled and scientific manner. Reading and study courses are offered on a regular basis, and the service is free of charge.

Academic support

CUT has various academic support programmes in place, with proven success for those attending regularly.

Study guidance, motivation techniques and exam-writing skills are but a few of the programmes offered.

Chaplaincy services

The spiritual needs of students are critical to us. Students are encouraged to participate in the services that are offered by various churches in collaboration with the Wellness Centre.

The Chaplaincy Office is vested with the Wellness Centre. The aim of this office is to give all denominations and religions the necessary information regarding campus activities for Christian and other faith groups. Students are also motivated to participate in religion-oriented activities. The Office also serves as a refuge where all staff and students can find help and support.

Social work services

The main task of the social worker is to ensure the social wellbeing of students by promoting a healthy and conducive environment throughout their years of study.

The responsibilities of Social Services are:

- To work in close collaboration with the psychologists, health services staff, residence staff and student accounts staff with respect to the referral of students;
- To organise and conduct information sessions and workshops relating to HIV/AIDS;
- To compile background reports on financially needy students;

To offer services related to the following:

- Rape counselling
- Poverty/financial problems
- Pre- and post-abortion counselling
- Bereavement
- HIV/AIDS
- Community outreach projects.

Appointments

All services are confidential and are available free of charge to CUT students on an appointment basis. Appointments must be made with the secretary at telephone number 051 507 3154.

Enquiries: Reception

Tel: 051 507 3154/5/6

Campus Health Services

Campus Health Services, forming part of the Wellness Centre, has a professional nurse, a medical doctor and an HIV/AIDS counsellor on hand to provide medical services to students.

Appointments:

Telephonically at 051 507 3735/3716 or in person at the Medical Centre.

Clinic location:

Behind the Welgemoed residence, alongside the small pedestrian gate leading from President Brand Street.

Services offered include:

- Voluntary Confidential Counselling and Testing (VCCT)
- Treatment of minor ailments
- Emergencies and referrals
- Blood-pressure screening
- Blood-sugar screening
- Urine analysis
- Pregnancy tests
- Family planning
- Referrals to appropriate medical services
- Health education and advice
- Chronic-disease management and related referrals

These services are available free of charge to registered students, and all information remains strictly confidential.

Reportable Diseases

In terms of section 45 of the Health Act (1977), certain conditions have been declared reportable. If you should happen to contract one of these specified conditions, please contact Campus Health Services without delay.

(TO BE READ IN CONJUNCTION WITH CHAPTER 4 OF THE CUT CALENDAR 2012)

For any enquiries, please contact the Wellness Centre at 051 507 3154/5/6. All information will be treated with the utmost confidentiality.

Library and Information Services (LIS)

The mission of Library and Information Services (LIS) is to give the CUT community access to information in support of teaching, learning and research.

In achieving its mission, LIS has the following strategic goals:

- Teaching and learning: The provision and promotion of access to comprehensive and up-to-date information tailored for CUT programmes in order to maintain high student throughput.
- Information skills: The development of academic information skills for students and staff to foster 'access with success' and evolve a culture of independent and lifelong learning.
- Research: The offering of high-quality information resources that will enhance and sustain the research capacity of CUT at all levels.
- Information and communication technology: The adoption of state-of-the-art technologies to ensure that CUT remains at the forefront in terms of managing information, creating gateways to global information and developing an institutional digital repository.
- Partnerships: The forging of partnerships with communities of practice and collaboration with other institutions at local, regional, national and international levels in terms of sharing resources and expertise.
- Quality control and assurance: Compliance with institutional, national and international standards in the management of information resources; maintaining high standards of service, and ensuring cost effectiveness and efficiency in LIS operations.

Enquiries:

University Librarian: Tel: 051 507 3146

Bloemfontein Library: Tel: 051 507 3109

Welkom Library: Tel: 057 910 3537

Kimberley Library: Tel: 053 836 5960

The library building on the Bloemfontein campus consists of four floors:

Ground Floor

The issuing desk, which is situated on the ground floor at the entrance to the library, is where users can borrow and return library material. This section also attends to general enquiries. Security officers monitor and enforce access control, thus ensuring that all users are able to study in a safe environment, even late in the evening.

Two 24-hour study venues are situated on this level, with seating capacity for approximately 400 students.

Reproductive services are also offered on this floor.

First Floor

This floor houses the main book collection, the reference section and a reading corner for leisure reading of items such as novels, which are accessible through the computerised catalogues. The Information Services Section is strategically placed in order to assist all users with the tracing of information resources.

Information librarians catering to all four faculties are present at all times during office hours. An after-hours information librarian, who is also available on Saturdays, has an office on the first floor.

Information Services also provides an interlibrary loan service that assists in finding information sources that are not readily available in the LIS collection. This service is normally available only during office hours from Monday to Friday, although weekend and after-hours arrangements can be made.

Private study cubicles are also available for use by students at a special tariff, and arrangements can be made with the Library Administrative Officer.

Special rooms have been equipped as project rooms, where students can work jointly on special assignments in class groups or individually.

Second Floor

This floor is divided into three sections, namely the Short Loans Section (lecturers' notes, prescribed textbooks, theses and audiovisual materials), the Journal Collection, and Electronic Resource Access Centre.

- Short-loan material is for use exclusively in the library for a period of two hours only. Students must produce their student cards, and the materials may be renewed as long as there is no-one else waiting to use the material. Students can make copies of the material at the Xerox centre downstairs.
- Students can watch VHS or DVD recordings in the library, but are not allowed to remove them from the premises.
- The Electronic Resource Access Centre provides access to 280 computers for academic purposes. Students can log onto the databases to which LIS subscribes and can also access various Microsoft Office applications. Sixty of these computers form part of two training laboratories where database and internet usage courses are offered, along with information literacy and other programmes.
- LIS also offers access to Wi-Fi hotspots on three floors of the library, including the 24-hour study venue.
- Printed journals, leisure reading material and e-newspapers to which CUT subscribes are housed here and may be consulted on-site.

LIS also supports people with disabilities. A computer with special software programs is available on the second floor, while the Electronic Resource Access Centre and both training laboratories are accessible by students making use of wheelchairs.

Third Floor

This floor houses the offices of LIS staff members, as well as the Art Gallery, which is used for art exhibitions, seminars and other events.

Libraries at the Welkom Campus and Kimberley Regional Learning Centre

Core collections, particularly of books, are available, and supplementary material may be requested by e-mail or other methods. Information officers are on hand to supply information in the appropriate format.

LIS webpage

Extensive information can be found on the LIS webpage, including the catalogues and databases to which LIS subscribes. In this way, access can be provided to students both on and off campus.

Web address: <http://www.cut.ac.za/web/academics/library/homepage>.

Operational Sport

Manager: Operational Sport

Mr D O'Neill

Tel: 051 507 3543 / 3549 | Fax: 051 507 3548

Responsible for golf and the co-ordination of Work-Integrated Learning

Deputy Managers:

Mr H Muller

Tel: 051 507 3545 / 3549 | Fax: 051 507 3548

Responsible for rugby, karate, netball and table-tennis

Mr V Mgobhozi

Tel: 051 507 3546 | Fax: 051 507 3548

Responsible for volleyball, soccer, athletics and basketball

Mr D George

Tel: 051 507 3547 / 3549 | Fax: 051 507 3548

Responsible for tennis, hockey (men's and women's) and cricket (men's and women's)

Co-ordinator:

Ms L Adams

Tel: 051 507 3549 | Fax: 051 507 3548

Participation

Students wishing to participate in any of the above-mentioned sports should report to the relevant Deputy Manager as soon as possible after their arrival so that they may be included in the activities without delay.

Other types of sport

Any student wishing to participate in any type of sport not mentioned above can discuss the matter with a Deputy Manager, who will then make the necessary arrangements for that student to join a suitable club in the city.

Participation in intervarsity and USSA sports tournaments

According to the constitution of University Sports South Africa (USSA), all bona fide students may participate in intervarsity sports tournaments, as well as regional and South African student tournaments or championship gatherings.

Financial assistance

A student may apply to Operational Sport for financial assistance to cover certain expenses in respect of his/her participation – as a member of a provincial team – in a South African national or student championship gathering.

Medical expenses

All participants in the various sports varieties are personally responsible for their own medical expenses arising from any sports injuries. Neither CUT nor the sports club concerned shall be responsible or held liable for any such expenses.

Sport bursaries

Sport bursaries are awarded to promising sportsmen and sportswomen according to merit. Such bursaries are only awarded to individuals who participate in league sport in the name of CUT (refer to the list of sports along with the names of the sport managers).

Only achievements at provincial level and higher are taken into account. Application forms are available from Operational Sport, and the closing date is 31 October each year. Development bursaries are also available, and a maximum of three candidates may be nominated by the respective sports trainers / club managers.

Please note: Candidates must apply on an annual basis.

Practice times

Specific practice times are determined for each sport, and details are available from Operational Sport.

Fees, Bursaries and Loans

Rules pertaining to Fees

The CUT Council determines the various fees payable annually. Please note that the amounts below are valid for 2012 only. An increase in tuition fees will be applicable as from 2013.

Fees payable upon Application and Enrolment

Non-residence students

| | |
|---|----------|
| Application fee (non-refundable) applicable to students who follow a first or new academic programme. Application received before or on 31 October 2012. | R 170.00 |
| Application fee (non-refundable) applicable to students who follow a first or new academic programme. Late application received between 1 November 2012 and 31 January 2013. | R 340.00 |

Residence students

| | |
|---|----------|
| Application fee (non-refundable) applicable to students who follow a first or new academic programme. Application received before or on 31 October 2012. | R 170.00 |
| Application fee (non-refundable) applicable to students who follow a first or new academic programme. Late application received between 1 November 2012 and 31 January 2013. | R 340.00 |
| Residence application deposit. Only refundable if the applicant is not accepted as a student or does not secure accommodation in a residence. | R 485.00 |

The application form for admission must be accompanied by the customer copy of the application fee deposit slip.

Only students who have been accepted academically by CUT, and who have received written confirmation of such academic acceptance from CUT, may apply for accommodation in a residence.

Bursaries

In cases where a bursary covering the full tuition and/or accommodation fees has already been granted to a prospective student, the letter in which notification to that effect is provided must be included with the registration document.

Notwithstanding any other terms, no student shall be exempted from accountability for the payment of any amounts owing to CUT.

Payments by employers

In cases where an employer has already indicated that he/she will accept responsibility for the full payment of tuition and/or accommodation fees, the student must include the letter in which notification to that effect is provided, with the registration documents. This letter must give an indication of the date(s) on which such payment(s) will be made.

Conditions of Payment

The following conditions of payment apply:

- **Year students:** Monthly instalments of equal payments over nine months. Due date for full balance payable is end of October annually.
- **Semester students for semester 1:** Monthly instalments of equal payments over four months. Due date for full balance payable is end of May annually.
- **Semester students for semester 2:** Monthly instalment of equal payments over four months. Due date for full balance payable is end of October annually.

Discount on payment in cash or by bank-guaranteed cheque:

A discount of ten percent (10%) is granted in the event of all tuition fees being paid in full, in cash or by bank-guaranteed cheque, upon registration. Accounts may also be settled by credit card, but without a cash discount being applicable.

Refunding

Application fee: No refund applies with respect to the application fee.

Accommodation deposit: A deposit made in respect of accommodation fees shall be refunded in the following instances:

- If no accommodation is available
- If the applicant is not selected

A student may only register for an assessment (examination) if all the fees for that particular year of study have been paid in full. In cases where it is subsequently discovered that a student is in arrears in respect of payments, the assessment results shall be withheld.

In cases where a student has not paid the full account in respect of a previous year, such student shall not be permitted to reregister before the account in question has been settled in full.

Tuition fees

The following percentage of the fees shall be refundable if a student officially discontinues his/her studies on or before the dates mentioned below by means of a written notification on the prescribed LS form:

First-semester students: On or before 31 March – 40%
After 31 March – None

Second-semester students: On or before 30 September – 40%
After 30 September – None

Year courses (full-time or part-time): On or before 31 March – 50%
Up until 31 June – 20%
After 30 June – None

Discount on Tuition Fees

In cases where two or more students from the same family household are simultaneously registered at CUT, the following discounts apply:

Second student – 15%

Third and fourth students – 25%

Residence Accommodation Fees

No cancellation credits shall be payable, irrespective of the point in time at which the student vacates the residence. (One night spent in the residence is regarded as equivalent to the student having resided in the residence for the entire month.)

Enquiries:

Mr C Adams

Tel: 051 507 3762 | Fax: 051 507 3765 | E-mail: cherbert@cut.ac.za

Ms SE Haasbroek

Tel: 051 507 3555 | E-mail: haasbs@cut.ac.za

Bursaries and Loans

CUT academic merit bursaries for first-year students

Such bursaries are for candidates who are pursuing further studies for the first time after Grade 12 and who are enrolled as full-time students for a diploma or degree course at CUT. The amount allocated is calculated on the basis of the six highest symbols achieved by the candidate in the final Grade 12 examination. The criteria and amounts of these awards are reviewed on an annual basis. For more information with regard to bursaries for 2013, contact Ms A Mohala on 051 507 3334.

Academic recruitment bursaries (for first-time entrants)

These bursaries are additional to the normal academic bursaries. First-year students who qualify will automatically be considered for such a bursary.

The following categories are available:

A. Category A

- Each A symbol on HG – R1 000.00
- Each A symbol on SG – R600.00

B. Category B

A bursary of R1 000.00 will be awarded to a student who achieved an A symbol (HG or SG) in the final Grade 12 examination and who is enrolled for a course in Engineering or Health and Environmental Sciences.

C. Category C

Top-ten bursaries (awarded to the ten best first-year entrants). To be considered for such a bursary, a minimum of 42 points on the CUT scoring scale, calculated on the basis of the candidate's six best subjects, is required.

CUT Leadership Bursaries for First-Year Students

At least 27 points on the CUT scoring scale in the final Grade 12 examination is an additional requirement.

The following applicants may qualify for such bursaries:

- Head boy / girl of a high school
- Chairperson of the representative council of learners of a high school
- Deputy head boy / girl of a high school
- Vice-chairperson of the representative council of learners of a high school
- Head boy / girl of a high-school hostel
- Winner of a national subject Olympiad
- Winner of a national expo
- Member of the *"Presidentverkenners"* or Springbok Scouts

Other Bursaries

For more information on sport recruitment bursaries (first-year students only) and sport bursaries (all students), please contact Operational Sport.

For more information on the Deans' Awards Incentive Vouchers available to first-year students, please contact the Dean of the relevant academic faculty.

National Student Financial Aid Scheme (NSFAS) Loans (including CUT-administered loans)

NSFAS (formerly known as TEFSA) offers loans of between R2 000 and R32 500 per annum to financially needy and academically deserving students who are unable to obtain a loan from a bank. These loans are REPAYABLE.

These loans are primarily intended to cover the costs of tuition fees and books.

All allocations are subject to the availability of funds.

Enquiries

Information Officer

Ms A Mohala

Tel: 051 507 3334 | Fax: 051 507 3320 | E-mail: amohala@cut.ac.za

Funza Lushaka

This is a merit bursary awarded by the Department of Higher Education and Training (DHET) to deserving Teacher Education students registered for the following BEd (FET) Specialisation programmes:

- BEd (FET) Languages, majoring in African Languages, namely Setswana, Sesotho and Xhosa, with English as a compulsory major;
- BEd (FET) Natural Sciences;
- BEd (FET) Computer Science, majoring in Computer Studies (IT) and Computer Applications Technology;
- BEd (FET) Technology, majoring in Technology (Civil, Electrical and Mechanical Technology)

Students are expected to apply online at the DHET website.

The bursary is presently worth R48 000.00 per annum, and allocations are subject to the availability of funds.

Enquiries

| | |
|---|-------------------|
| Ms A Mohala | Tel: 051 507 3334 |
| Dr S Matoti (Natural Sciences) | Tel: 051 507 3370 |
| Dr R Odora (Technology) | Tel: 051 507 3362 |
| Mr T Matlho (Languages) | Tel: 051 507 3871 |
| Mr T Naong (Economic and Management Sciences) | Tel: 051 507 3324 |
| Mr T Wiliams (Humanities) | Tel: 051 507 3328 |



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