



Central University of
Technology, Free State

2013 Prospectus



Thinking Beyond

Central University of Technology Free State (CUT)

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

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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 what-ever 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 Baccalaureus 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

NQF 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
<p>For candidates who matriculated in 2007 or before:</p> <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 <p>For candidates who completed the NSC in 2008 and thereafter:</p> <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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none">▪ National Diploma: Marketing, or equivalent M + 3 qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none">▪ 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: <ul style="list-style-type: none">▪ National Diploma: Office Management and Technology or equivalent M + 3 qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none">▪ 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.

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.

School of Accounting

Acting Director: Prof. PG le Roux

Secretary: Ms ELE van der Merwe

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Programme Head: Financial Information Systems

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Programme Head: National Higher Certificate in Accounting

Mr A Taylor

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Programme Head: Cost and Management Accounting

Mr IG Dikgole

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Programme Head: Internal Auditing

Mr JC Steyn

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1. National Higher Certificates

1.1 National Higher Certificate: Accounting

BRHSAB

Admission requirements	
<ul style="list-style-type: none"> National Senior Certificate or an equivalent qualification. 	
For candidates who matriculated in 2007 or before: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> National Senior Certificate or equivalent qualification. <p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> In addition to the general admission requirements, a minimum mark of 60% on Higher Grade or 70% on Standard Grade in Accounting is required. <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, 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: <ul style="list-style-type: none"> National Diploma: Financial Information Systems.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> National Diploma: Internal Auditing.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> 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.

School of Government Management

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Programme Heads: Public Management

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1. National Diploma

1.1 National Diploma: Public Management

BONDPB

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.

School of

Tourism, Hospitality and Sport

Acting Director: Dr R Haarhoff

Secretary: Ms L Mokoma

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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 PRE2B	English Proficiency and 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	
<ul style="list-style-type: none"> Senior Certificate or equivalent qualification. 	
For candidates who matriculated in 2007 or before:	
<ul style="list-style-type: none"> 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:	
<ul style="list-style-type: none"> 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:

- Coaching and Sport Administration
- Personal Training
- 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

BTNDTA

Admission requirements
<p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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.) <p>For candidates who completed the NSC in 2008 and thereafter:</p> <ul style="list-style-type: none"> 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
Travelagic

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: <ul style="list-style-type: none">▪ National Diploma: Tourism Management or equivalent qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none">▪ 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

Dean: Prof. AB Ngowi

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General Enquiries

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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 diplomates 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

NQF 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: <ul style="list-style-type: none"> ■ Appropriate M + 3 qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> ■ 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: <ul style="list-style-type: none"> ■ Appropriate M + 3 qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> ■ 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**.

School of

Electrical and Computer Systems Engineering

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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

NQF 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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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.

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1. National Diplomas

1.1 National Diploma: Information Technology (Software Development)

BCNDIA

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Admission requirements
<ul style="list-style-type: none"> National Senior Certificate or equivalent qualification. <p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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. <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, 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
<p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> ■ Appropriate M + 3 qualification. <p>For candidates who completed the NSC in 2008 and thereafter:</p> <ul style="list-style-type: none"> ■ 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

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.

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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 PRE2B		English Proficiency and English Proficiency
	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.

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
<ul style="list-style-type: none"> National Senior Certificate or equivalent qualification. <p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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. <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, 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
<ul style="list-style-type: none"> National Senior Certificate or equivalent qualification. <p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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. <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, 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
<ul style="list-style-type: none"> National Senior Certificate or equivalent qualification. <p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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. <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, 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: <ul style="list-style-type: none"> National Diploma: Biomedical Technology or equivalent qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> 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 (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.

4.2 Baccalaureus Technologiae: Clinical Technology

TABTNI

Admission requirements
For candidates who matriculated in 2007 or before: <ul style="list-style-type: none">▪ National Diploma: Clinical Technology, or equivalent qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none">▪ 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

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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 (BEEd)

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

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Ms L Louw

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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
<p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> ▪ Appropriate M + 3 qualification. <p>For candidates who completed the NSC in 2008 and thereafter:</p> <ul style="list-style-type: none"> ▪ 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

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Ms M Rowe

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1. National Diplomas

1.1 National Diploma: Clothing

TVNDKF

Admission requirements
<ul style="list-style-type: none"> National Senior Certificate or equivalent qualification.
For candidates who matriculated in 2007 or before: <ul style="list-style-type: none"> In addition to the general admission requirements, a pass in Needlework is recommended.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> 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
<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. 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

KFNDAF

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: <ul style="list-style-type: none"> ■ Appropriate M + 3 qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> ■ 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: <ul style="list-style-type: none"> ▪ Appropriate M + 3 qualification.
For candidates who completed the NSC in 2008 and thereafter: <ul style="list-style-type: none"> ▪ 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

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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
<p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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. <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 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: lmathinya@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

Dr JM Selesho (Bloemfontein Campus)

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

Dr AM Rambuda (Welkom Campus)

Tel: 057 910 3627 | Fax: 086 619 2507 | E-mail: arambuda@cut.ac.za

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
<p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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. <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, 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

Mr TM Mafaralala

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

BWBESE

Admission requirements
<p>For candidates who matriculated in 2007 or before:</p> <ul style="list-style-type: none"> 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. <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, 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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Dr AM Rambuda (Welkom Campus)

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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 and 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
CZY10AS				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 CZY20AS			Communication in isiXhosa II (Language Y) or 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 CZX30AS		Communication in isiXhosa III (Language Y) or 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

Dr PA Phindane

Tel: 051 507 3832 | Fax: 051 507 3367 | E-mail: pphindane@cut.ac.za

Dr AM Rambuda (Welkom Campus)

Tel: 057 910 3627 | Fax: 086 619 2507 | E-mail: arambuda@cut.ac.za

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 PRE2B				English Proficiency and 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:				
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

Dr WN Setlaleto (Bloemfontein Campus)

Tel: 051 507 3347 | Fax: 051 507 3367 | E-mail: wsetlale@cut.ac.za

Dr A M Rambuda (Welkom Campus)

Tel: 057 910 3627 | Fax: 086 619 2507 | E-mail: arambuda@cut.ac.za

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

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 CZX30AS		Communication in Sesotho III (Language Y) or 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

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: wviljoen@cut.ac.za

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

BWMEWA

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	C

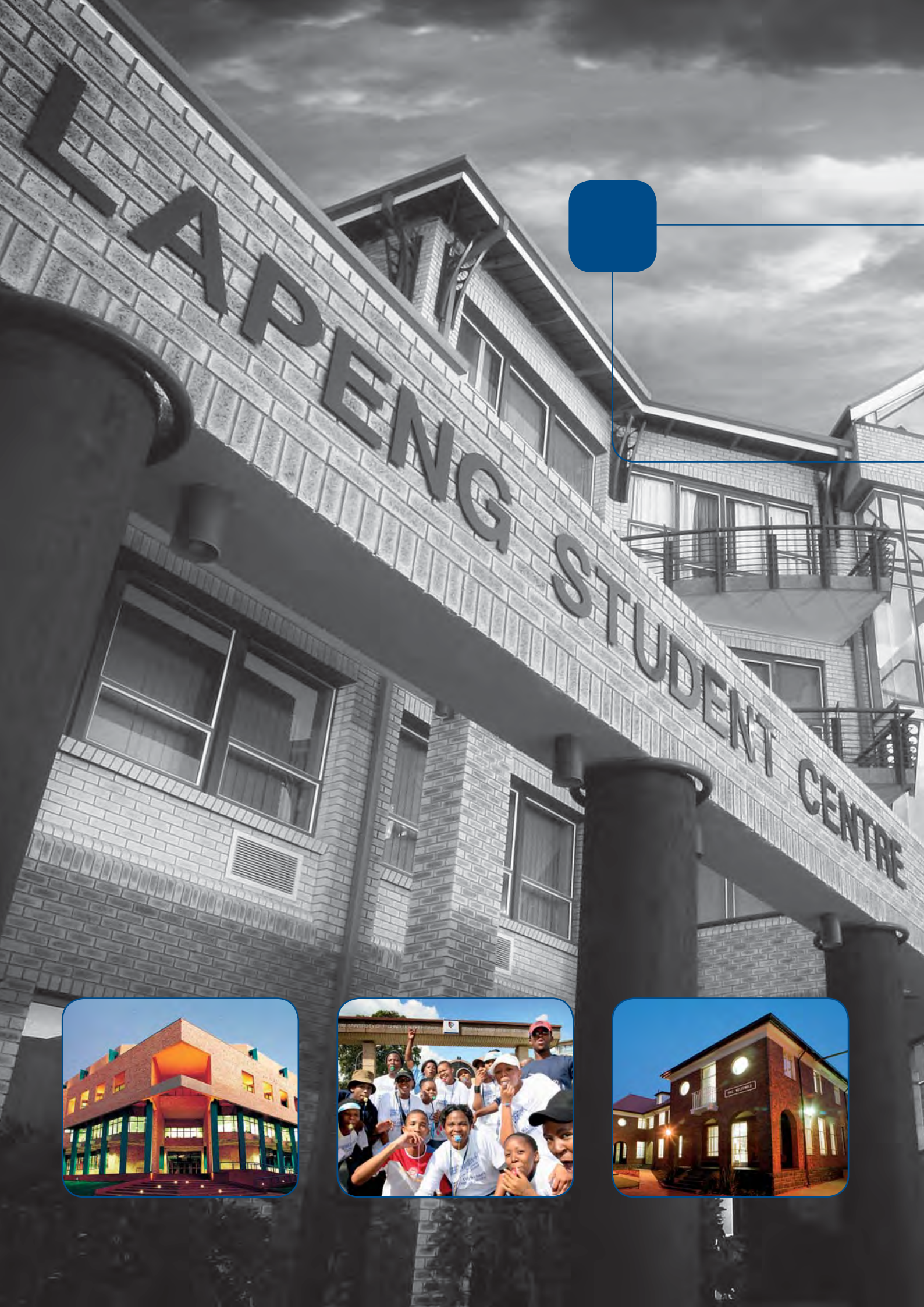
Career Opportunities

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.

Reprographic 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

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue lines spaced evenly across the page, typical of standard notebook paper. The lines are thin and light blue, set against a plain white background. There is no handwriting or other markings on the page.



Central University of
Technology, Free State

General Enquiries

Bloemfontein (051) 507 3911 | Welkom (057) 910 3500

Postal Address

Central University of Technology, Free State
Private Bag X20539
Bloemfontein
9300

www.cut.ac.za