



2015 Prospectus



Central University of Technology Free State (CUT)

What we live by...

Excellent, quality and inspirational leadership is the cornerstone of any successful organisation. 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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and ask to be referred to the head of department of the relevant department.

Please Note: Indemnification

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

Please note that variations may occur due to resolutions passed by Senate over the course of 2015.

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General Information

1. Registration

Students register for a three-year National Diploma, after which – pending approval by the Head of Department – 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 the Baccalaureus Technologiae degree and the higher qualification, must be in possession of a Matriculation Exemption Certificate or Conditional Exemption Certificate.
- 3.1.3 Prospective / aspirant students 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 4.1.5.3.3, the general minimum score qualifying the candidate for acceptance as a student are as published for that year. The admission criteria applicable to each programme of study are as specified in the CUT Calendar.
- 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 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 fewer than the minimum points on the CUT scoring scale for the July Grade 12 examination or a subsequent examination, 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 a learning programme where this is a requirement (see the chapter pertaining to the relevant faculty in the CUT Calendar).

- 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 4.1.5.3.6 above.
- 3.1.8 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 Assessment of the prior experience of mature learners.
- 3.1.7.2.2 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.
- 3.1.7.2.3 Grade 12 results.
- 3.1.7.2.4 Any other measuring instrument as determined by the Senate or 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 departments 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.
- 3.1.7.3.5 For candidates who matriculated in 2007 or before, CUT awards academic weights for achievement according to the following scoring scale:

Symbol achieved in subject in Grade 12	Grade of subject in Grade 12	
	Higher Grade (HG)	Standard Grade (SG)
A	8	6
B	7	5
C	6	4
D	5	3
E	4	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 4.1.5.4.6.4 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 4.1.5.8 below for the regulations pertaining to learning programmes).
- 3.2.3 Life Orientation forms part of the final score, with a maximum value of one.
- 3.2.4 A candidate is expected to possess a minimum level of proficiency in English, since this is the language of learning and teaching (LOLT) at CUT. A mark of 50% for 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.
- 3.2.5 If a candidate meets the minimum subject requirements for the certificate, diploma or degree but scores fewer 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 below for 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 4.1.5.4.6 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:
- RPL, with admission to be approved before a candidate may register
 - Assessment of the prior experience of mature learners;
 - GSAT and English Proficiency Test results;
 - NSC results; and
 - Any other measuring instrument as determined by the Senate or Council.
 - The results of the above-mentioned measuring instruments are used in accordance with the following guidelines:
 - The results are arranged in sequence of achievement.
 - The best candidates are accepted in accordance with the need and vacancies in the specific learning programme.
 - 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.
 - 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 departments, 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 after, CUT awards academic weights for achievement according to the following scoring scale:

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

Please note: A candidate scoring 21 points or less on CUT's scoring scale will not be admitted. A candidate scoring 22 – 26 points on CUT's scoring scale must undergo a selection test. A candidate must obtain an achievement level of at least 4 (50 – 59%) in Life Orientation in the NSC. Even if a higher mark is achieved in Life Orientation, the value will still only be awarded as one on the CUT scoring scale.

A candidate who scores fewer than 22 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 is the LOLT at CUT. A mark of 50% for English as Home Language (Vernacular) or First Additional Language is therefore considered to be sufficient, although any sufficient proof of proficiency in the English language will also be taken into consideration. In this regard, see section 4.1.5.4.6.3.4 above and the general 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 department. 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 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. Cut Admission Requirements for FET Students

The admission requirements for NC(V) Level 4 and traditional N qualifications (N3, N4, N5 and N6) create articulation and clear pathways for FET college students seeking to enrol in career-focused university programmes in the field of study for which they hold an FET qualification, particularly in scarce skills areas such as Engineering, ICT, Business/Finance, and Education.

Our programmes as documented in this brochure are underpinned by our vision and will enable prospective students to meet national, business and industry needs.

Section 1: Admission Criteria for FET College NC(V) 4 Students to Undergraduate Programmes at CUT

Minimum Statutory requirements for NC (V) 4 level students

Candidates must meet the minimum statutory requirements for students in possession of an NC(V) 4 qualification, as set out in Government Gazette no: 32743 of 26 November 2006, to be eligible for admission to a Higher Certificate, Diploma and Bachelor's Degree (See table 1).

Candidates must note that according to Section 37 (i) of the Higher Education (Act 101 of 1997), the decision to admit a student to higher education study is the right and responsibility of the higher education institution concerned. This implies that individual institutions may set additional admission requirements for specific programmes.

Table 1: Minimum Statutory admission requirements

Qualification	Minimum entry requirement
Higher Certificate	<ul style="list-style-type: none"> • All statutory requirements for NC(V) 4 to be met • 40% in English; • 30% in either Mathematics or Mathematical Literacy; • 40% in Life Orientation; • 50% in the other four vocational subjects.
Diploma	<ul style="list-style-type: none"> • All statutory requirements for NC(V) 4 to be met • 50% in three fundamental subjects, one of which must be English; • 60% in three compulsory vocational modules.
Bachelor's degree	<ul style="list-style-type: none"> • All statutory requirements for NC(V) 4 to be met • 60% in three fundamental subjects, one of which must be English • 70% in three compulsory vocational modules.

Institutional requirements for NC(V) 4 level students

NC(V) 4 candidates must score the minimum admission points on the scoring scale for admission, as prescribed in the CUT admission policy (See Table 2). Since NC(V) programmes are highly specialized, such applicants will only be considered for admission into programmes of similar specialisation, for

example NC(V): Tourism applicants will be considered for the National Diploma: Tourism Management only, and no other specialisation, regardless of their performance in the NC(V) examinations. Admission to a particular programme is subject to the requirements of that programme (See Table below 3).

NC(V) 4 applicants are eligible for university admission only if they have obtained a full qualification. No applicant will be admitted based on the completion of certain subjects in a qualification.

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

NC(V) candidates are expected to possess a minimum level of proficiency in English, since this is the language of teaching and learning (LOLT) at CUT. A minimum mark of 50% for 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.

The scoring scale for NC (V) 4 subjects is indicated in table 2.

Table 2: Scoring scale for NC (V) 4

Percentage achieved in NCV subject	30-39%	40-49%	50-59%	60-69%	70-79%	80-89%	90-100%
Points rating for % value	2	3	4	5	6	7	8
The programme specific requirements are indicated in table 3. Table 3: Programme specific requirements							
NC(V) 4 PROGRAMMES	CUT QUALIFICATIONS		SUBJECT REQUIREMENTS				
Civil Engineering and Building Construction							
Construction Planning	National Diploma: Civil Engineering National Diploma: Building		In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required for applicants seeking to pursue their studies in Civil Engineering. Every applicant must write an access assessment test. In addition to the general admission requirements, a minimum mark of 50% in Mathematics or 70% in Mathematical Literacy is required for applicants seeking to pursue their studies in Building. Physical Science is recommended. Every applicant must write an access assessment test.				
Construction Supervision							
Materials							
Carpentry and Roof Work							
Concrete Structures							
Masonry							
Physical Science							
Plumbing							
Roads							
Drawing Office Practice							
Architectural Graphics and Technology							
Civil and Structural Steel work							
Mechanical Draughting and Technology							
Drawing Office procedures and Techniques							

Education and Development		
Art & Science of Teaching	Diploma: Design and Studio Art	In addition to the general entry requirements, The following subjects are highly recommended: Painting, Ceramics, Drawing, Graphic Design, Graphic Processes, Jewellery Design, Jewellery Manufacturing, Entrepreneurship & Business Management (only N4), History of Art (N5 & N6).
Human & Social Development		
Learning Psychology		
Electrical Infrastructure Construction		
Electrical Principles and Practice	National Diploma: Electrical Engineering	In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required. Every applicant must write an access assessment test.
Electronic Control and Digital Electronics		
Electrical Workmanship		
Electrical Systems & Construction		
Physical Science		
Engineering and Related Design		
Applied Engineering Technology	National Diploma: Mechanical Engineering	In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required. Every applicant must write an access assessment test.
Engineering Processes		
Professional Engineering Practice		
Automotive Repair & Maintenance		
Engineering Fabrication – Boiler making		
Engineering Fabrication – Sheet- Metal Worker		
Fitting & Turning		
Physical Science		
Refrigeration & Air Conditioning Processes		
Welding		
Finance, Economics and Accounting		
Applied Accounting	National Higher Certificate: Accounting	In addition to the general entry requirements, a minimum mark of 50% in Accounting is required.
Economic Environment		
Financial Management		
New Venture Creation		
Hospitality		

Client Services & Human Relations	National Diploma: Hospitality Management	In addition to the general entry requirements, every applicant must write an access assessment test and undergo an interview. Consumer Science, Hospitality Studies, Accounting or Business Studies is highly recommended.
Food Preparation		
Hospitality Generics		
Hospitality Services		

Information Technology and Computer Science

Computer Programming	National Diploma: Information Technology	In addition into the general admission requirements, a minimum mark of 60% in Mathematical Literacy or 40% in either Mathematics or Information Technology is required. Every applicant must write an access Assessment test.
Data Communication and Networking		
Systems Analysis & Design		
Multimedia Service - Implementation date 2013		
Management		
Financial Management	National Higher Certificate: Financial Information Systems	In addition to the general admission requirements, a minimum mark of 50% in Accounting is required. A candidate must score at least 27 or more points on the CUT scoring scale.
Management Practice		
Operations Management	National Diploma: Public Management Diploma in Human Resource Management	
Project Management		
Marketing		
Advertising & Promotions	National Diploma: Marketing	A candidate must score at least 27 or more points on the CUT scoring scale.
Marketing		
Marketing Communication		
Consumer Behaviour		
Contact Centre Operations		

Mechatronics

Computer-Integrated Manufacturing	Not applicable	
Electrotechnology		
Stored Programme Systems		
Mechatronic Systems		
Office Administration		
Business Practice	National Diploma: Office Management and Technology	A candidate must score at least 27 or more points on the CUT scoring scale.
Office Data Processing		
Office Practice		

Mechatronics		
Personal Assistance		
Primary Agriculture		
Animal Production	National Diploma: Agricultural Management	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, and/or Biology or Life Sciences, Mathematics, Mathematical Literacy, Life Orientation, Economics, Accounting or Physical Science.
Advanced Plant Production		
Farm Planning & Mechanisation		
Agri-business		
Process Instrumentation		
Electronics Control & Digital Electronics	National Diploma: Electrical Engineering	In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required for candidates wishing to pursue their studies in Civil Engineering. Every applicant must write an access assessment test.
Engineering Processes		
Physical Science		
Instrumentation Technology		
Somatology		
SETA Accredited occupational programmes FET Certificate: Beauty and Nail Technology	National Diploma: Somatology	In addition to the general admission requirement, a minimum mark of 50% in either Life or Physical Science is required. A candidate must score at least 23 or more points on the CUT scoring scale.
Tourism		
Client Services & Human Relations	National Diploma: Tourism Management	A candidate must score at least 28 or more points on the CUT scoring scale. Every applicant must write a scholastic aptitude test and undergo an interview. Due to the relatively high demand for places in this programme, a candidate who scores less than 24 points on the CUT scoring scale will not be considered for selection.
Science of Tourism		
Sustainable Tourism in South Africa & International Travel		
Tourism Operations		
Transport and Logistics		
Freight Logistics	Not applicable	
Transport Economics		
Transport Operations		
Project Management		
New Venture Creation		

Section 2: Admission Requirements for Students with N3, N4, N5 and N6 Qualifications

The following admission requirements apply:

A candidate with a FET N3, N4, N5 or N6 certificate may qualify for admission into the first year of a diploma qualification, based on his or her seven best subjects for N4/N5 or N5/N6 and a minimum of 50% for English at N3 level. However a candidate must meet the minimum admission requirements, including the language requirement, on the CUT scoring scale before he/ she will be allowed to write an access assessment test, (see Table 4 for CUT scoring scale for N qualifications).

A candidate with N3, N4, N5 or N6 certificates do not qualify for any subject recognition.

Subject recognition may be granted to FET students who have successfully completed their FET N6 diplomas. Such subject recognition will only be considered for first year CUT certificate and/or diploma subjects and will only be based on FET N6 level diploma subjects successfully completed. These subjects must be passed at N4, N5 and N6 level with a score of 50% or above.

Programme prerequisites must be met before a candidate will be admitted to a specific programme.

An official statement of results must be presented to CUT.

The scoring scale for candidates in possession of N3, N4, N5 and N6 qualifications, is indicated in Table 4.

Table 4: CUT Scoring Scale for N qualifications

Symbol achieved	N3	N4/N5/N6
A	6	8
B	5	7
C	4	6
D	3	5
E	2	4

5. Extended Curriculum Programme (ECP)

Extended curriculum programmes (ECP's) have been designed to equip students who do not meet the minimum requirements with the necessary competencies to be successful in their studies. Academic support and skills development are integrated with regular academic work.

The key role of extended provision is therefore to support educationally disadvantaged students who are un/underprepared, despite meeting minimum admission criteria, by enabling them to be placed on an Extended Curriculum Programme that will provide them with the academic foundation to successfully complete their studies.

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.

6. 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 generally not sufficiently equipped in academic English 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 English proficiency literacy in general.

CUT has, for this reason, decided to introduce compulsory fundamental modules to improve the entry-level proficiency of all first-year students. These modules include academic English 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 English language proficiency. 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 to successfully complete higher education studies.

Academic Literacy

All first-year students registering for the first time at CUT must write 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 readiness to handle the reading and writing demands of university education, as well as the ability to apply his/her linguistic competence deriving from knowledge and experience gained at school level.


Supplemental Instruction

Supplemental instruction (SI) is an academic assistance programme that aims to enhance student performance and retention. SI does not identify high-risk students, but rather identifies high-risk subjects.

Supplemental Instruction sessions begin the first week of the term. During the first class session, the SI leader explains what SI is all about and compiles a schedule for SI sessions that is convenient for most of the students. SI sessions are open to all students in a specific subject and attendance is voluntary. Since SI is introduced on the first day that classes commence, and due to the fact that it is open to all students to attend, it is not viewed as remedial education. SI leaders are the key people in the supporting process and role models for students in a specific subject. They partake in an intensive training programme. This training covers such topics as how students learn as well as instructional strategies aimed at strengthening student performance, data collection and management details.

Supplemental Instruction sessions integrate "how-to-learn" with "what-to-learn". Students who attend the SI session discover appropriate application of study strategies and have the opportunity to become actively involved in the course material, as the SI leader uses the text and lecture notes as the vehicle for learning skill instruction.

Please note: all information above is subject to the CUT's Admission Policy and Procedure. This document is for information purposes only.

A close-up photograph of an industrial laser cutting machine in operation. The machine is a complex metal structure with various adjustment knobs and a digital display showing '0.2'. A bright laser beam is focused on a metal plate, creating a large amount of bright orange and yellow sparks that are flying upwards and outwards. The background is dark and out of focus, with some blurred lights. The overall scene is industrial and high-tech.

Faculty of **Engineering and Information Technology**

Dean: Prof. AB Ngowi
Secretary: Ms L Mokoma
Tel.: 051 507 3255 | Fax: 051 507 3254 | E-mail: lmokoma@cut.ac.za

General Enquiries

Faculty Administrator: Mr BW Jeremiah
Tel.: 051 507 3070 | Fax: 051 507 3254 | E-mail: bjeremia@cut.ac.za
Faculty Officer: Ms M Mbeo
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General

The Faculty of Engineering and Information Technology is comprised of six departments, namely the Department of Built Environment, Department of Civil Engineering, Department of Electrical, Electronic and Computer Engineering, Department of Mechanical and Mechatronic Engineering, Department of Mathematical and Physical Sciences and the Department of Information Technology.

The programmes offered in the departments 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 departments 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.

Department of Built Environment

Head of Department: Dr FA Emuze
Secretary: Ms S Pheto
Tel.: 051 507 3082 | Fax: 051 507 3254 | E-mail: spheto@cut.ac.za

NATIONAL DIPLOMA: BUILDING

ISNDBO

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, then the construction industry could offer you a challenging and rewarding career where you can turn your dreams into reality. The National Diploma: Building qualification offers access to the construction industry as a technician, or as the foundation for pursuing further professionally specialised career studies within the industry. A building technician is involved in various administrative functions related to construction projects, from inception to completion, within a wide range of disciplines that are not limited to architecture, construction management, and quantity surveying by working for contractors, consultants, developers and various government service departments through a wide range of related business enterprises in a dynamic project environment.

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 is required. A 50% mark in 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

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: CONSTRUCTION MANAGEMENT**ISBTRR****Career Opportunities**

The construction manager is the operations management specialist of the construction industry by assuming the responsibility for the physical construction of buildings and other immovable assets. The nature of the modern construction projects demands not only sound technological knowledge, but also specialised management expertise in all project and business aspects of construction, in order to achieve stipulated performance parameters in the form of certainties related to the management of cost, time, finances and resources that are inclusive of manpower. The demand for this expertise in the construction industry is ever growing, and construction managers are often absorbed into top management positions in the construction enterprise where knowledge and skills are applied at the corporate management level.

Employment opportunities in the private and public sectors are open to construction management graduates, and lucrative salaries are offered for these services within a wide range of enterprises in the construction industry. The completion of the National Diploma in Building allows the student access to the BTech in Construction Management programme. Once qualified, the candidate construction manager may elect to follow a professional career path that leads to full registration as either a professional Construction Manager or Project Manager. This profession is internationally recognised and held in high regard.

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.

A weighted average of 60% in the final year of National Diploma Study

60% for Construction Management III in the final year of the National Diploma Study is recommended.

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, block-release basis.

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: QUANTITY SURVEYING**ISBTQG**

Career Opportunities

As a professional practitioner, the quantity surveyor is the financial adviser, construction cost accountant and economist of building projects who advises the client on all financial aspects of a new project. He/she would assume responsibility for assessing the financial viability of a new 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 provides the student access to the BTech in Quantity Surveying 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 employment options in 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.

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.

A weighted average of 60% in the final year of National Diploma study.

60% for Quantity Surveying III in the final year of the National Diploma study is recommended.

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, block-release basis

ENROLMENT OPTION(S): Semester 1

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Department of Civil Engineering

Head of Department: Prof. YE Woyessa

Secretary: Ms S Pheto

Tel.: 051 507 3082 | Fax: 051 507 3254 | E-mail: spheto@cut.ac.za

NATIONAL DIPLOMA: ENGINEERING: CIVIL

ISNDLS

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.

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

ENROLMENT OPTION(S): Semester 1 and 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.

BACCALAUREUS TECHNOLOGIAE: ENGINEERING: CIVIL

ISBTCJ

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, such as 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.

Admission requirements

For candidates who matriculated in 2007 or before:

Appropriate M + 3 qualification.

For candidates who completed the NSC in 2008 and thereafter:

National Diploma: Civil Engineering, with the appropriate instructional offerings.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1 and 2

Department of Electrical, Electronic and Computer Engineering

Head of Department: Prof. HJ Vermaak

Secretary: Ms E Simpson

Tel.: 051 507 3251 | Fax: 051 507 3254 | E-mail: esimpson@cut.ac.za

Career Opportunities

The purpose of this qualification is to educate and train the renewable technician to have the necessary knowledge, skills, attitudes and values to be able to work in the renewable energy field in South Africa. Learners who complete this qualification will be competent and responsible auxiliaries in the implementation of renewable energy technologies (RET). They will be able to assist technologists and engineers in the installation, commissioning and maintenance of RET systems.

Admission requirements
For candidates who matriculated in 2007 or before: In addition to the CUT general admission requirements a Senior Certificate with a minimum score of 27 on the CUT scoring scale, plus a minimum 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 CUT general admission requirements, a Senior Certificate with a minimum score of 27 on the CUT scoring scale, plus a minimum mark of 50% (level 4) in both Mathematics and Physical Science is required.
Applicants in possession of the National Certificate Vocational (NCV) will be selected according to the selection requirements as approved by senate.
Selection: Yes
Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 5

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Remarks

- All instructional offerings are compulsory.
- Any application for subject recognition will be considered **ONLY** for subjects completed at equivalent level, not lower.
- The qualification will be issued on completion of 120 credits
- One intake per year in January.
- After successful completion of this qualification a Higher Certificate will be awarded during an official graduation ceremony at CUT.

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.

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

ENROLMENT OPTION(S): Semester 1

NATIONAL DIPLOMA: ENGINEERING: ELECTRICAL**EXNDLC**

(Light Current)

Career Opportunities

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.

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

ENROLMENT OPTION(S): Semester 1 and 2

NATIONAL DIPLOMA: ENGINEERING: ELECTRICAL**IENDTS**

(Heavy Current)

Career Opportunities

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.

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

ENROLMENT OPTION(S): Semester 1 and 2

National Diplomas: Extended Curriculum Programmes

NATIONAL DIPLOMA: ENGINEERING: ELECTRONIC

EXNDEC

(Light Current)

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.

Career Opportunities

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.

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: 4 years

ENROLMENT OPTION(S): Semester 1 and 2

NATIONAL DIPLOMA: ENGINEERING: ELECTRICAL

EXNDEL

(Heavy Current)

Career Opportunities

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.

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

ENROLMENT OPTION(S): Semester 1 and 2

BACCALAUREUS TECHNOLOGIAE: ENGINEERING: ELECTRICAL

IEBTEG

Career Opportunities

(Computer Systems & 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, industrial 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.

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

ENROLMENT OPTION(S): Semester 1 and 2

Department of Information Technology

Head of Department: Dr M Masinde

Secretary: Ms JA van der Westhuizen

Tel.: 051 507 3092 | Fax: 051 507 3653 | E-mail: jvdwest@cut.ac.za | it@cut.ac.za

NATIONAL DIPLOMA: INFORMATION TECHNOLOGY

BCNDIA

Career Opportunities

The world is increasingly becoming a global village with Information and Communication Technologies (ICTs) playing a fundamental role in our day to day lives. South Africa, like other countries, realises that ICTs can indeed bring about positive change in its socio-economic development. CUT's contribution to this national agenda is realised through Diploma, BTech and MTech programmes offered in the Department of IT. Through these programmes, the University contributes to the ever increasing demand for a wide range of highly skilled information technology professionals for career opportunities in Web Applications, Communication Networks and Software Development. The Department is particularly unique in the Country; it offers courses in mobile programming and games development. The Department has state-of-the-art Cisco equipment through which students get hands-on experience in computer networking which opens up opportunities for various professional certification pathways.

Our graduates will be able to take up jobs in:

- Systems Analysis: System developers, application designers, business analysts, information analysts, management information analysts, system analysts.
- Programming: Application developers, games and mobile application developers, software developers, internet application developers.
- Computer Networking: Computer network administrators and technical assistants
- Database Development and Management: Business database analysts, database administrators, database managers.
- Project Management: IS project leaders.

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 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

ENROLMENT OPTION(S): Semester 1

Remarks

Like other national diploma programmes, this is a 3-year programme; after 1st year, students are required to specialise in either (1) Software Development or (2) Web and application Development.

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.

BACCALAUREUS TECHNOLOGIAE: INFORMATION TECHNOLOGY

(SOFTWARE DEVELOPMENT) as well as (WEB AND APPLICATION DEVELOPMENT)

BCBTIP

Career Opportunities

The world is increasingly becoming a global village with Information and Communication Technologies (ICTs) playing a fundamental role in our day to day lives. South Africa, like other countries, realises that ICTs can indeed bring about positive change in its socio-economic development. CUT's contribution to this national agenda is realised through Diploma, BTech and MTech programmes offered in the Department of IT. Through these programmes, the University contributes to the ever increasing demand for a wide range of highly skilled information technology professionals for career opportunities in Web Applications, Communication Networks and Software Development. The Department is particularly unique in the Country; it offers courses in mobile programming and games development. The Department has state-of-the-art Cisco equipment through which students get hands-on experience in computer networking which opens up opportunities for various professional certification pathways.

Our graduates will be able to take up jobs in:

- Systems Analysis: System developers, application designers, business analysts, information analysts, management information analysts, system analysts.
- Programming: Application developers, games and mobile application developers, software developers, internet application developers.
- Computer Networking: Computer network administrators and technical assistants
- Database Development and Management: Business database analysts, database administrators, database managers.
- Project Management: IS project leaders.

Admission requirements

For candidates who matriculated in 2007 or before:

Appropriate M + 3 qualification.

For candidates who completed the NSC in 2008 and thereafter:

National Diploma: Information Technology, with the appropriate instructional offerings.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Remarks

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.



Department of Mathematical and Physical Sciences

Head of Department: Dr HE Brink

Secretary: Ms E Logan

Tel.: 051 507 3087 | **Fax:** 051 507 3254 | **E-mail:** elogan@cut.ac.za

The Department of Mathematical and Physical Sciences is a service department, offering
Mathematics
Statistics and
Physics
 to students of the different faculties at CUT.

Department of Mechanical and Mechatronic Engineering

Head of Department: Mr JA Bothma

Secretary: Ms E Logan

Tel.: 051 507 3087 | **Fax:** 051 507 3254 | **E-mail:** elogan@cut.ac.za

NATIONAL DIPLOMA: ENGINEERING: MECHANICAL

IMNDNG

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.

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

ENROLMENT OPTION(S): Semester 1 and 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.

BACCALAUREUS TECHNOLOGIAE: ENGINEERING: MECHANICAL

IMBTMB

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.

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

ENROLMENT OPTION(S): Semester 1 and 2

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.



Faculty of
**Health and
Environmental
Sciences**

Acting Dean: Prof. S Mashele

Secretary: Ms NC Nigrini

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General Enquiries

Faculty Administrator: Dr LM Makhalemele

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General

The Faculty of Health and Environmental Sciences consists of four departments, the Department of Agriculture, the Department of Clinical Sciences, the Department of Health Sciences and the Department of Life 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, or Advanced Diploma: Agricultural Extension (for Agricultural related disciplines). 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.

Department of Agriculture

Head of Department: Prof. DO Umesiobi

Secretary: Ms M Kotsi

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ADVANCED DIPLOMA IN AGRICULTURAL EXTENSION

TLADAE

Career Opportunities

Obtaining an agricultural qualification offers great opportunities to graduates to work in a number of organisations (private and government sectors) as agricultural advisors, consultants, growers, farm managers, researchers and technicians, etc.

The Department of Agriculture at CUT offers a professional program in Advanced Diploma in Agricultural Extension. This is the first diploma of its kind to be taught at a University in the central region of South Africa. Department of Agriculture, CUT has over the years earned an excellent reputation

among farming communities both in the Free State region and nation-wide. This advanced diploma programme will give immeasurable opportunities application of scientific research protocols and new knowledge to agricultural practices through interactive farmer education services. The purpose of the qualification is to provide learners with a proper understanding and knowledge of extension and an integrated effective mix of extension skills that build on prior graduate-level agricultural knowledge in such a way that a high degree of growth in extension skills and competence can readily take place. This qualification will therefore, supply the agricultural industry with competent agricultural extensionists that can effectively design development programmes, conforming to the principles of participatory development with maximum community involvement and impact.

The qualifying learner will have exposure and orientation to agricultural extension programme development and will be competent to compile and manage an extension programme and apply their basic knowledge, skills and attitudes towards rural and agricultural development.

Admission requirements

A National Diploma in Agricultural Management or an applicable three year national diploma (classified by SAQA as an M + 3 qualification) is a prerequisite for the Advanced Diploma in Agricultural Extension degree.

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1 and 2

NATIONAL DIPLOMA: AGRICULTURAL MANAGEMENT

TLNDLB

Career Opportunities

Farming; or manager: agricultural agents in stock-feed, machinery and agrochemical companies; agricultural insurance, financing and other related fields. active engagement with consultation and advisory services with the government, international companies and private agencies; urban development and resource management; land and resource management; business opportunities in other commercial fields.

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 either Agricultural Sciences or Life Sciences as well as a minimum mark of 50% in Mathematics, Mathematical Literacy, Economics, Accounting, Geography 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

ENROLMENT OPTION(S): Semester 1

NATIONAL DIPLOMA: FIRE TECHNOLOGY

THNDFU

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.

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

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: AGRICULTURAL MANAGEMENT

TLBTLA

Career Opportunities

Farming; or manager: agricultural agents in stock-feed, machinery and agrochemical companies; agricultural insurance, financing and other related fields. active engagement with consultation and advisory services with the government, international companies and private agencies; urban development and resource management; land and resource management; business opportunities in other commercial fields.

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

ENROLMENT OPTION(S): Semester 1

Department of Clinical Sciences

Head of Department: Prof. H Friedrich-Nel

Tel.: 051 507 3166 | **Fax:** 051 507 3278 | **E-mail:** gmolefe@cut.ac.za

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.

Provisionally selected students are subjected to a second round of selections after submission of the NSC results. Should a prospective student have forfeited his/her selection, he/she might be considered for the limited number of ECP placement.

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. Considering that the ECP is subject to additional funding being made available by the Department of Higher Education and Training, 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 first-year instructional offerings in order to continue with second-year instructional offerings of the ECP. A student may not change from the ECP to the regular programme.

NATIONAL DIPLOMA: EMERGENCY MEDICAL CARE (ECP)

HXNDEA

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 psychometric 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 psychometric assessment – for admission to the programme.

Selection: Yes

Interview: Yes

This learning programme will be offered in Bloemfontein.

SAQA CREDITS: 432

NQF LEVEL: 6

DURATION OF LEARNING PROGRAMME: 4 years

ENROLMENT OPTION(S): Semester 1

NATIONAL DIPLOMA: EMERGENCY MEDICAL CARE

THNDMC

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.

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 psychometric 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 psychometric 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

ENROLMENT OPTION(S): Semester 1

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.

BACHELOR OF RADIOGRAPHY IN DIAGNOSTICS

HCBCRD

Career Opportunities

Graduation with this qualification will allow employment as a diagnostic radiographer in a government- or private radiology practice; the educational sector and medical imaging companies as a sales representative. Radiographers registered with the Health Professional Council of South Africa (HPCSA) are allowed to open their own private practice after two years of independent practice as a qualified diagnostic radiographer.

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 50% 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, Physical Science and Mathematics, is required.
Selection: Yes
Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 480

NQF LEVEL: 8

DURATION OF PROGRAMME: 4 year full-time

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: RADIOGRAPHY (DIAGNOSTIC)

TABTDC

BACCALAUREUS TECHNOLOGIAE: RADIOGRAPHY (THERAPY)

TABTOT

Career Opportunities

Graduation with this qualification will allow employment as a diagnostic radiographer in a government- or private radiology practice and medical imaging companies as a sales representative. Radiographers registered with the Health Professional Council of South Africa (HPCSA) are allowed to open their own private practice after two years of independent practice as a qualified diagnostic radiographer.

Admission requirements
<i>For candidates who matriculated in 2007 or before:</i> 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: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 2 years part-time

ENROLMENT OPTION(S): Semester 1

Remarks

This qualification is offered on a part-time basis over a minimum period of two years to allow diagnostic radiographers who are already employed in clinical practice to attend the scheduled contact sessions.

Department of Health Sciences

Acting Head of Department: Dr D Olivier

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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.

Provisionally selected students are subjected to a second round of selections after submission of the NSC results. Should a prospective student have forfeited his/her selection, he/she might be considered for the limited number of ECP placement.

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. Considering that the ECP is subject to additional funding being made available by the Department of Higher Education and Training, 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 first-year instructional offerings in order to continue with second-year instructional offerings of the ECP. A student may not change from the ECP to the regular programme.

NATIONAL DIPLOMA: BIOMEDICAL TECHNOLOGY

TANDIC

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 qualified Biomedical Technologist can also run his/her own diagnostic pathology laboratory.

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

Job shadowing: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 361

NQF LEVEL: 6

DURATION OF PROGRAMME: 3 years

ENROLMENT OPTION(S): Semester 1

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.

Provisionally selected students are subjected to a second round of selections after submission of the NSC results. Should a prospective student have forfeited his/her selection, he/she might be considered for the limited number of ECP placement.

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. Considering that the ECP is subject to additional funding being made available by the Department of Higher Education and Training, 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 first-year instructional offerings in order to continue with second-year instructional offerings of the ECP. A student may not change from the ECP to the regular programme.

NATIONAL DIPLOMA: CLINICAL TECHNOLOGY

TANDCT

Career Opportunities

Qualified Clinical Technologists are employed in a government- or private practice selecting one of the seven specialization areas: Cardiology, pulmonology, critical care, nephrology, reproductive biology, perfusion, neurophysiology.

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

ENROLMENT OPTION(S): Semester 1

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.

Provisionally selected students are subjected to a second round of selections after submission of the NSC results. Should a prospective student have forfeited his/her selection, he/she might be considered for the limited number of ECP placement.

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. Considering that the ECP is subject to additional funding being made available by the Department of Higher Education and Training, 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 first-year instructional offerings in order to continue with second-year instructional offerings of the ECP. A student may not change from the ECP to the regular programme.

NATIONAL DIPLOMA: SOMATOLOGY**THNDGI****Career Opportunities**

Somatologists find a wealth of opportunities with this diverse industry both nationally and internationally. Positions are found within Skin and Health Clinics; Private Practices, Medical Centres, Health Spas, Product Company Sales Representatives and Trainers; Cruise Liners and Airlines.

Admission requirements

National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

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

For candidates who completed the NSC in 2008 and thereafter:

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

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 360

NQF LEVEL: 6

DURATION OF PROGRAMME: 3 years

ENROLMENT OPTION(S): Semester 1

Remarks

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

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.

Provisionally selected students are subjected to a second round of selections after submission of the NSC results. Should a prospective student have forfeited his/her selection, he/she might be considered for the limited number of ECP placement.

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. Considering that the ECP is subject to additional funding being made available by the Department of Higher Education and Training, 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 first-year instructional offerings in order to continue with second-year instructional offerings of the ECP. A student may not change from the ECP to the regular programme.

BACCALAUREUS TECHNOLOGIAE: BIOMEDICAL TECHNOLOGY**TABTBH****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 registered Biomedical Technologist can also run his/her own diagnostic pathology laboratory.

Admission requirements

For candidates who matriculated in 2007 or before:

National Diploma: Biomedical Technology or equivalent qualification.

For candidates who completed the NSC in 2008 and thereafter:

National Diploma: Biomedical Technology, or equivalent qualification, with the appropriate instructional offerings.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Remarks

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.

BACCALAUREUS TECHNOLOGIAE: CLINICAL TECHNOLOGY

TABTNI

Career Opportunities

Qualified Clinical Technologists are employed in a government- or private practice selecting one of the seven specialization areas: Cardiology, pulmonology, critical care, nephrology, reproductive biology, perfusion, neurophysiology. Clinical Technologists registered with the Health Professional Council of South Africa (HPCSA) are allowed to open their own private practices.

Admission requirements

For candidates who matriculated in 2007 or before:

National Diploma: Clinical Technology, or equivalent qualification.

For candidates who completed the NSC in 2008 and thereafter:

National Diploma: Clinical Technology, or equivalent qualification, with the appropriate instructional offerings.

Selection: Yes

Interview: Yes

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Remarks

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.

BACCALAUREUS TECHNOLOGIAE: SOMATOLOGY

THBTLO

Career Opportunities

In addition to the career opportunities of a Diploma holder, the B Tech graduate will possess entrepreneurial skills to open or manage their own business in the industry and work in conjunction with Medical Practitioners.

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: No

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Remarks

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.

Department of Life Sciences

Head of Department: Prof. A Fossey

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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.

Provisionally selected students are subjected to a second round of selections after submission of the NSC results. Should a prospective student have forfeited his/her selection, he/she might be considered for the limited number of ECP placement.

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. Considering that the ECP is subject to additional funding being made available by the Department of Higher Education and Training, 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 first-year instructional offerings in order to continue with second-year instructional offerings of the ECP. A student may not change from the ECP to the regular programme.

NATIONAL DIPLOMA: ENVIRONMENTAL HEALTH

THNDEV

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.

Admission requirements

National Senior Certificate or equivalent qualification.

For candidates who matriculated in 2007 or before:

In addition to the general admission requirements, a minimum mark of 50% on Standard Grade in any **two** of the following subjects is required: Biology, Physical Science, and/or Mathematics. Geography and/or Physiology are recommended.

For candidates who completed the NSC in 2008 and thereafter:

In addition to the general admission requirements, a minimum mark of 50% in both Life Sciences **and** Physical Science, **as well as** a minimum mark of 40% in Mathematics, **or** a minimum mark of 50% in Mathematical Literacy, is required.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 360

NQF LEVEL: 6

DURATION OF PROGRAMME: 3 years

ENROLMENT OPTION(S): Semester 1

HIGHER CERTIFICATE: DENTAL ASSISTING

HLHCDL

Career Opportunity

Be a qualified, professional Dental Assistant or Practice Manager to oral health care providers, as well as oral health care facilities. Other opportunities include suppliers of dental services and products who also offer career opportunities in South Africa and abroad.

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.

Minimum requirements

The minimum requirements for enrolment are an FETC with six 20-credit-bearing subjects with a rating of four, and a minimum rating of 1 (one) for Life Orientation (thus a total credit value of at least 25).

Aptitude test if the candidate passed four FETC credit-bearing designated subjects with a rating of four, plus two 20-credit-bearing designated subjects with a rating of three, and a minimum rating of 1 (one) for Life Orientation (thus a total credit value of at least 23).

English as a language subject (home or additional) with a minimum rating of three.

In addition to the above:

Life Science (Rating 4).

Note: If more applications are received than can be accommodated by the learning programme, selection will be based on academic merit.

(Note: The minimum value of 25 is calculated as follows: 6 x 4 for six 20-credit-bearing subjects at level four, plus 1 for Life Orientation at level three.)

A candidate who fails one or more instructional offerings must reapply for admission.

Applicants in possession of the National Certificate Vocational (NCV) will be selected according to the selection requirements as approved by Senate.

No student will be allowed to graduate without completing the Academic Literacy programme.

It is compulsory for candidates who wish to enrol for the part-time programme to be employed by an oral health care facility as a dental assistant.

This learning programme will be offered in Bloemfontein.

SAQA CREDITS: 141

NQF LEVEL: 5

DURATION OF LEARNING PROGRAMME: 1 year full-time

ENROLMENT OPTION(S): Semester 1

OR

SAQA CREDITS: 141**NQF LEVEL:** 5**DURATION OF LEARNING PROGRAMME:** 2 years part-time**ENROLMENT OPTION(S):** Semester 1**Remarks**

Upon commencing his/her studies, the student must register with the Professional Board for Dental Therapy and Oral Hygiene of the Health Professions Council of South Africa in terms of the rules and regulations of the Medical, Dental and Supplementary Health Services Professions Act, 1974 (Act 56 of 1974) and the subsequent amendments pertaining to dental assisting, as approved. A minimum of 480 hours of Work-Integrated Learning at dental clinics, hospitals and/or private dental practices is required.

Assessment: Formative and Summative.

Practical competency and skills are assessed according to specific guidelines, which include Dental Assisting: Practical and Computer Literacy. It is compulsory for students to adhere to the stipulated ethical rules and dress code during practical and Work-Integrated Learning sessions.

The radiation to which a dental assistant is exposed may be detrimental to the health of an unborn child. Due to the important practical component of the course, during which students are exposed to radiation, a female student may not complete the practical part of her course during pregnancy. Any student who suspects she may be pregnant must notify the Director of the School of Health Technology immediately.

After successful completion of this course, a Higher Certificate will be awarded during the official graduation ceremony of the CUT.

BACCALAUREUS TECHNOLOGIAE: ENVIRONMENTAL HEALTH**THBTEM****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.

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**ENROLMENT OPTION(S):** Semester 1



The background of the entire page is a dark blue field filled with out-of-focus, colorful light spots (bokeh) in shades of red, yellow, green, and white. These spots are scattered across the frame, with some appearing as bright, sharp circles and others as softer, more diffuse glows. The overall effect is a vibrant, abstract, and slightly ethereal atmosphere.

Faculty of **Humanities**

Dean: Prof. DP Ngidi
Secretary: Nthabiseng Moeketsi
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General Enquiries
Faculty Administrator: Mr T Williams
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General

The Faculty of Humanities consists of seven Departments, namely the Department of Communication Sciences, the Department of Design and Studio Art, the Department of Postgraduate Studies Education, Department of Educational and Professional Studies, Department of Mathematics, Science and Technology Education, Department of Economic and Management Sciences Education and Department of Language Education.

Qualification Structure

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

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

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

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Department of Communication Sciences

Acting Head of Department: Mr BG Fredericks
Secretary: Ms N Oberholzer
Tel.: 051 507 3327 | Fax: 051 507 3320 | E-mail: nmuller@cut.ac.za
Acting Departmental Manager: Dr B Badenhorst
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NATIONAL DIPLOMA: LANGUAGE PRACTICE

SSNDTL

Career Opportunities

Language Practitioner; Training Officer; Copywriter; Administrative Officer; Translator; Communications Officer; Technical Writer; Public Relations Officer; Journalist; Conference Organiser.

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
ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: LANGUAGE PRACTICE

SSBTTK

Career Opportunities

Language Practitioner; Training Officer; Copywriter; Administrative Officer; Translator; Communications Officer; Technical Writer; Public Relations Officer; Journalist; Conference Organiser.

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

This programme will be offered in Bloemfontein and Welkom.

SAQA CREDITS: 120
NQF LEVEL: 7
DURATION OF PROGRAMME: 1 year
ENROLMENT OPTION(S): Semester 1

Department of Design and Studio Art

Head of Department: Prof. FE van Schalkwyk
 Secretary: Ms Sylvia Davis
 Tel.: 051 507 3184 | Fax: 051 507 3197 | E-mail: sdavis@cut.ac.za
 Jewellery Design
 Mr E Holmes
 Tel.: 057 217 3217 | Fax: 057 217 3217 | E-mail: nmphore@cut.ac.za/eholmes@cut.ac.za

DIPLOMA: DESIGN AND STUDIO ART

HADPSA

Career Opportunities

Visual Arts; fashion; advertising; communications; packaging; jewellery; illustration and multi-media.

Admission requirements
For candidates who matriculated in 2007 or before: National Senior Certificate or equivalent qualification. For candidates who completed the NSC in 2008 and thereafter: In addition to the general admission requirements, candidates must submit a portfolio of their work. Visual Art is recommended.
Selection: Yes
Interview: Yes

This programme will be offered in Bloemfontein.

SAQA CREDITS: 366
NQF LEVEL: 6
DURATION OF PROGRAMME: 3 years
ENROLMENT OPTION(S): Semester 1

Remarks

In addition to the general CUT admission criteria, the aforementioned department requests applicants to undergo additional procedures before final selection and acceptance can proceed.

The information presented below is the criteria that the Department of Design and Studio Art uses to select and admit students for the purpose of studying towards the Diploma in Design and Studio Art. Carefully read through these guidelines and feel free to contact the Department if you have any questions.

All prospective students must apply for admission in accordance with the Policies and Procedures.

In addition to the general admission requirements of the CUT, candidates will be subjected to a selection process specifically designed and set for admission to the Diploma offered in the Department of Design and Studio Art.

All candidates will furthermore be placed on a waiting list until they have completed an assessment test. The assessment test will involve the following:

the submission of a portfolio that has been designed to test candidates' drawing ability, imagination, sensitivity to colour and proportion, design skills and general ability to communicate on a visual level;

a personal interview;

an assessment of practical skills to be completed by the candidate; and

an M Score of 27 points or higher.

All candidates will be notified personally by the Department concerning the outcome of their application.

Candidates not meeting the requirement stipulated in par. 3(d) above may be requested to complete psychometric tests to determine their potential. These tests will be conducted on the CUT campus in Bloemfontein.

In cases where candidates' applications have been unsuccessful, they can decide on one of the following options:

Application for admittance to the Extended Curriculum Programme of Design and Studio Art.

Application for admission at the Motheo College or any other college where N3 and N4 courses are offered in art and design. After successful completion of these courses at any of these colleges, candidates should in most cases be competent to be admitted to their first year of study.

DIPLOMAS: EXTENDED CURRICULUM PROGRAMMES

Prospective students applying for admission to the Diploma in Design and Studio Art in the Faculty of Humanities might be referred to an Extended Curriculum Programme (ECP) instead of 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.

NATIONAL HIGHER DIPLOMA: CLOTHING

TVHDC

Career Opportunities

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

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

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: FINE ART**KBBTAR****Career Opportunities**

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

Admission requirements***For candidates who matriculated in 2007 or before:***

Appropriate M + 3 qualification.

For candidates who completed the NSC in 2008 and thereafter:

National Diploma: Fine Art with the appropriate instructional offerings.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: GRAPHIC DESIGN**KGBTGS****Career Opportunities**

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

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

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: PHOTOGRAPHY**KFBTGP****Career Opportunities**

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

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
ENROLMENT OPTION(S): Semester 1

Department of Economics and Management Sciences Education

Head of Department: Mr M G Zwane
Secretary: Ms L Mathinya
Tel.: 051 507 3371 | Fax: 051 507 3367 | E-mail: lmathinya@cut.ac.za

BACCALAUREUS EDUCATIONIS: (FET): SPECIALISATION: ECONOMIC AND MANAGEMENT SCIENCES BWBESE

Career Opportunities

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

Admission requirements

For candidates who matriculated in 2007 or before:

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

For candidates who completed the NSC in 2008 and thereafter:

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

Selection: Yes

Interview: None

This programme will be offered in Bloemfontein and Welkom.

SAQA CREDITS: 480
NQF LEVEL: 6
DURATION OF PROGRAMME: 4 years
ENROLMENT OPTION(S): Semester 1

Enquiries
Mr MG Zwane (Bloemfontein Campus)
Tel.: 051 507 3872 | Fax: 051 507 3367 | E-mail: mzwane@cut.ac.za

Department of Language Education

Head of Department: Dr P Phindane
Secretary: Ms S Phasiwe
Tel.: 051 507 3348 | Fax: 051 507 3367 | E-mail: sphasiwe@cut.ac.za

BACCALAUREUS EDUCATIONIS: (FET): SPECIALISATION: LANGUAGES

BWBESL

Career Opportunities

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

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

ENROLMENT OPTION(S): Semester 1

Enquiries

Dr PA Phindane

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

Department of Mathematics, Science and Technology Education

Head of Department: Dr W Setlaletoa

Secretary: Ms L Mathinya

Tel.: 051 507 3371 | **Fax:** 051 507 3367 | **E-mail:** lmathinya@cut.ac.za

BACCALAUREUS EDUCATIONIS: (FET): SPECIALISATION: COMPUTER SCIENCE

BWBESC

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Admission requirements

For candidates who matriculated in 2007 or before:

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

For candidates who completed the NSC in 2008 and thereafter:

In addition to the general admission requirements, a candidate must have the NSC with endorsement for admission to a bachelor's degree. A candidate must have passed either Mathematics with a minimum mark of 50%, or Mathematical Literacy with a minimum mark of 70%. A pass in Information Technology is recommended.

Selection: Yes

Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 480

NQF LEVEL: 6

DURATION OF PROGRAMME: 4 years

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS EDUCATIONIS: (FET): SPECIALISATION: NATURAL SCIENCES

BWBESN

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

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

ENROLMENT OPTION(S): Semester 1

Enquiries

Dr WN Setlalentoa (Bloemfontein Campus)

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

BACCALAUREUS EDUCATIONIS: (FET): SPECIALISATION: TECHNOLOGY

BWBEST

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

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

ENROLMENT OPTION(S): Semester 1

Department of Postgraduate Studies: Education

Head of Department: Prof. G Schlebusch

Secretary: Ms P Kellerman

Tel.: 051 507 910 3572 | **Fax:** 0866192586 | **E-mail:** gschlebu@cut.ac.za

Acting Departmental Manager: Mr T Matlho

Tel.: 051 507 3871 | **Fax:** 051 507 3367 | **E-mail:** lmatlho@cut.ac.za

POSTGRADUATE CERTIFICATE IN EDUCATION (PGCE)**BWPCWC****Career Opportunities**

Teacher or lecturer at a secondary school or FET college.

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
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. 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.	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

ENROLMENT OPTION(S): Semester 1

Enquiries

Mr T Matlho (Bloemfontein Campus)

Tel.: 051 507 3871 | Fax: 051 507 3367 | E-mail: imatlho@cut.ac.za

Prof. G J Schlebusch (Welkom Campus)

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

BACHELOR OF EDUCATION (HONS): EDUCATIONAL MANAGEMENT**BWBEHW****Career Opportunities**

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

Admission requirements
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

ENROLMENT OPTION(S): Semester 1

Enquiries

Mr T Matlho (Bloemfontein Campus)

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Prof. G J Schlebusch (Welkom Campus)

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

Advanced Certificates in Education: (FET)

ADVANCED CERTIFICATE IN EDUCATION: (FET): COMPUTER APPLICATIONS TECHNOLOGY

BWACCA

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Purpose

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

Admission requirements	Selection	Interview
Recognised teaching qualification at NQF level 5 (360 credits) in Education and Training.	Yes	No

This programme will be offered in Bloemfontein and Welkom.

SAQA CREDITS: 120

NQF LEVEL: 6

DURATION OF PROGRAMME: 2 years of part-time study

ENROLMENT OPTION(S): Semester 1

Enquiries

Mr T Matlho (Bloemfontein Campus)

Tel.: 051 507 3871 | **Fax:** 051 507 3367 | **E-mail:** lmatlho@cut.ac.za

Prof. G J Schlebusch (Welkom Campus)

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

ADVANCED CERTIFICATE IN EDUCATION: (FET): MATHEMATICAL LITERACY

BWACML

Career Opportunities

Teacher or lecturer at a secondary school or FET college.

Purpose

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

Admission requirements	Selection	Interview
Recognised teaching qualification at NQF level 5 (360 credits) in Education and Training.	Yes	No

This programme will be offered in Welkom.

SAQA CREDITS: 120

NQF LEVEL: 6

DURATION OF PROGRAMME: 2 years of part-time study

ENROLMENT OPTION(S): Semester 1

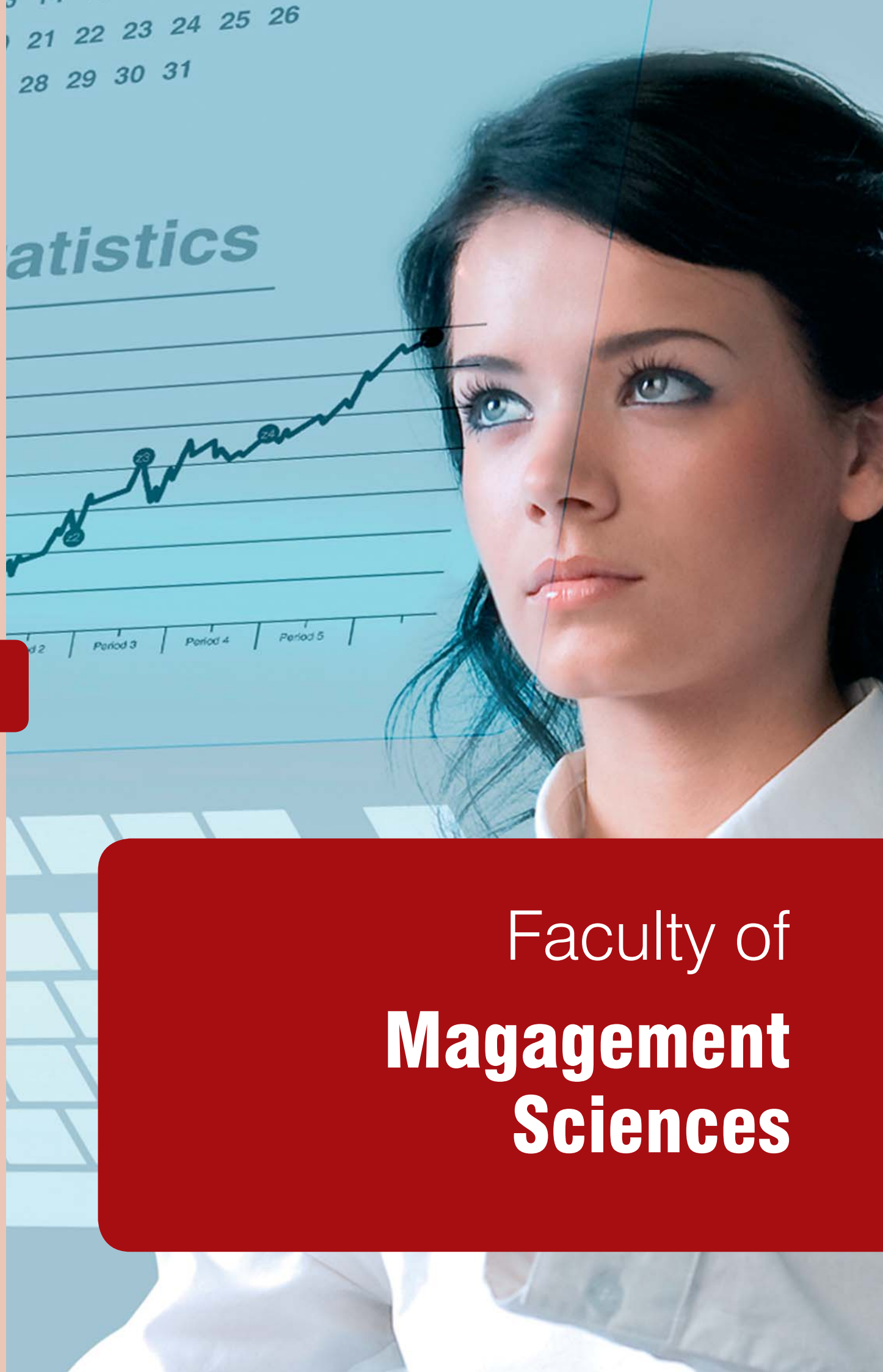
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Faculty of **Management Sciences**

Dean: Prof. AJ Strydom
Secretary: Ms JM Husselmann
Tel.: 051 507 3200 | **Fax:** 051 507 3262 | **E-mail:** jhusselm@cut.ac.za

General Enquiries

Faculty Administrator: Mr B Mokoma
Tel.: 051 507 3261 | **Fax:** 051 507 3133 | **E-mail:** bmokoma@cut.ac.za

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 high. If you are interested in a career in the field of Accounting, Internal Auditing, Financial Information Systems, Human Resources Management, Project Management, Business Administration, Community Development, Office Management and Technology, Marketing, Public 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 (where applicable).

In the Department of Accounting and Auditing, 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 degrees.

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Department of Accounting and Auditing

Head of Department: Mr A Taylor
Secretary: Ms D Khoete
Tel.: 051 507 3596 | **Fax:** 051 507 3133 | **E-mail:** dkhoete@cut.ac.za
Departmental Manager: Mr G von Benecke (Welkom Campus)
Tel. 057 910 3528 | **Fax:** 0866 938 324 | **E-mail:** gvbencke@cut.ac.za

Programme Coordinator: National Higher Certificate: Accounting
Mrs. A Coetzee
Tel: 051 507 3211 | **Fax:** 051 507 3133 | **E-mail:** ccoetzee@cut.ac.za

Programme Coordinator: Internal Auditing
Mr J Steyn
Tel: 051 507 3189 | **Fax:** 051 507 3133 | **E-mail:** jsteyn@cut.ac.za

Programme Coordinator: Financial Information Systems
Mrs L Steenkamp
Tel: 051 507 3333 | **Fax:** 051 507 3133 | **E-mail:** llubbe@cut.ac.za

NATIONAL HIGHER CERTIFICATE: ACCOUNTING BRHSAB**Career Opportunities**

This generic qualification forms the basis for further studies in Internal Auditing or Cost and Management Accounting. Alternatively graduates may exit and become an accounting assistant, junior bookkeeper or audit assistant.

Admission requirements
National Senior Certificate or an equivalent qualification. For candidates who matriculated in 2007 or before: In addition to the general admission requirements, a mark of 50% on Higher Grade or 60% on Standard Grade in Accounting is required. For candidates who completed the NSC in 2008 and thereafter: In addition to the general admission requirements, a minimum mark of 50% in Accounting is required.
Selection: Yes
Interview: No

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

SAQA CREDITS: 264

NQF LEVEL: 5

DURATION OF PROGRAMME: 2 years

ENROLMENT OPTION(S): Semester 1

Remarks

Applicants that do not meet the minimum admission requirements for this programme, may also consider the Certificate: Accounting Technicians (refer to the web for more details).

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

NATIONAL DIPLOMA: COST AND MANAGEMENT ACCOUNTING**BRNDTJ**

Please note: There will be no intake of first-year students as from 2016.

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.

Admission requirements	Selection	Interview
National Higher Certificate: Accounting	Yes	No

This programme will be offered in Bloemfontein and Welkom on a full time basis.

SAQA CREDITS: 120

NQF LEVEL: 6

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: COST AND MANAGEMENT ACCOUNTING**BRBTNA**

Please note: There will be no intake of first-year students as from 2016.

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.

Admission requirements	Selection	Interview
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.	N/A	N/A
National Diploma: Cost and Management Accounting, with appropriate instructional offerings, obtained in the last 3 years.	Yes	No

This programme will be offered in Bloemfontein on a full time basis.

SAQA CREDITS: 132

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

NATIONAL HIGHER CERTIFICATE: FINANCIAL INFORMATION SYSTEMS

BRHSFA

Career Opportunities

Accounting Assistant, Junior Bookkeeper, Assistant Database Administrator, Junior Computer Auditor, Financial Assistant.

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 Higher Grade or 60% on Standard Grade in Accounting is required. For candidates who completed the NSC in 2008 and thereafter:
Selection: Yes
Interview: No

This programme will be offered in Bloemfontein on a full time basis.

SAQA CREDITS: 240

NQF LEVEL: 5

DURATION OF PROGRAMME: 2 years

ENROLMENT OPTION(S): Semester 1

Remarks

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

NATIONAL DIPLOMA: FINANCIAL INFORMATION SYSTEMS

BCNDFL

Career Opportunities

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

Admission requirements	Selection	Interview
National Higher Certificate: Financial Information Systems, obtained from CUT in the last 3 years.	Yes	No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 132

NQF LEVEL: 6

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

NATIONAL DIPLOMA: INTERNAL AUDITING**BRNDJ****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.

Admission requirements	Selection	Interview
National Higher Certificate: Accounting	Yes	No

This programme will be offered in Bloemfontein, Welkom.

SAQA CREDITS: 120

NQF LEVEL: 6

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: FINANCIAL INFORMATION SYSTEMS**BCBTFA****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.

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
National Diploma: Financial Information Systems, or equivalent qualification, with appropriate instructional offerings, obtained in the last 3 years.
Selection: Yes
Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 132

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Remarks

Candidates will be expected to undergo Work-integrated Learning.

BACCALAUREUS TECHNOLOGIAE: INTERNAL AUDITING**BRBTIA****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.

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
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

ENROLMENT OPTION(S): Semester 1

Department of Business Management

Head of Department: Prof. MN Naong

Secretary: Ms. Etta van der Merwe

Tel: 051 507 3964 / 3217 | **Fax:** 051 507 4026 | **E-mail:** evdmerwe@cut.ac.za

Programme Coordinator: Human Resources Management

Mrs. L Dzansi

Tel: 051 507 3227 | **Fax:** 051 507 4026 | **E-mail:** ldzansi@cut.ac.za

Departmental Manager (Human Resources Management): Dr. F. van der Walt (Welkom Campus)

Tel. 057 910 3617 | **Fax:** + 27 86 610 7077 | **E-mail:** fvdwalt@cut.ac.za

Programme Coordinator: Marketing Management

Ms L Erwee

Tel: 051 507 3221 | **Fax:** 051 507 4026 | **E-mail:** lerwee@cut.ac.za

Departmental Manager (Marketing): Mr. S. Ramphoma (Welkom Campus)

Tel: 057 910 3580 | **Fax:** 057 396 3331 | **E-mail:** sramphoma@cut.ac.za

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NATIONAL DIPLOMA: HUMAN RESOURCES MANAGEMENT

BPNDHL

Career Opportunities

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

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

ENROLMENT OPTION(S): Semester 1

Remarks

Please note if external processes are finalised a re-curriculated version of current programmes will be offered in 2015.

NATIONAL DIPLOMA: MARKETING

BBNDBR

Career Opportunities

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

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

ENROLMENT OPTION(S): Semester 1

Remarks

Please note if external processes are finalised a re-curriculated version of current programmes will be offered in 2015.

BACCALAUREUS TECHNOLOGIAE: HUMAN RESOURCES MANAGEMENT

BPBTHR

Career Opportunities

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

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
For candidates who matriculated in 2007 or before: Appropriate M + 3 qualification with at least: Industrial Relations and Management of Training at second-year level; and Human Resources Management and Business Management at third-year level. A candidate should have an average percentage of at least 60% for final year instructional offerings in their National Diploma: Human Resources Management
For candidates who completed the NSC in 2008 and thereafter: National Diploma: Human Resources Management, or equivalent qualification, with the specific prescribed instructional offerings as stipulated above. A candidate should have an average percentage of at least 60% for final year instructional offerings in their National Diploma: Human Resources Management.
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

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: MARKETING

BBBTMQ

Career Opportunities

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

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
For candidates who matriculated in 2007 or before: National Diploma: Marketing, or equivalent M + 3 qualification. For candidates who completed the NSC in 2008 and thereafter: National Diploma: Marketing, or equivalent qualification, with appropriate instructional offerings.
Selection: Yes
Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Department of Business Support Studies

Head of Department: Prof. DY Dzansi

Secretary: Ms T Scheepers

Tel: 051 507 3219 | Fax: 051 507 3869 | E-mail: tscheepers@cut.ac.za

Programme Coordinator: Business Administration

Mr PK Hoeyi

Tel: 051 507 3954 | Fax: 051 507 3869 | E-mail: phoeyi@cut.ac.za

Programme Coordinator: Project Management

Mr EK Agbobli

Tel: 051 507 3955 | Fax: 051 507 3869 | E-mail: eagbobli@cut.ac.za

Programme Coordinator: Office Management and Technology

Ms B Basson

Tel: 051 507 3330 | Fax: 051 507 3869 | E-mail: bdramos@cut.ac.za

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NATIONAL DIPLOMA: OFFICE MANAGEMENT AND TECHNOLOGY

BSNDTD

Career Opportunities

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

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

ENROLMENT OPTION(S): Semester 1

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.

BACCALAUREUS TECHNOLOGIAE: BUSINESS ADMINISTRATION**BBBTAS****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.

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
For candidates who matriculated in 2007 or before: Approved M + 3 or equivalent qualification. Industry experience of at least six 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

ENROLMENT OPTION(S): Semester 1

Remarks

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.

BACCALAUREUS TECHNOLOGIAE: OFFICE MANAGEMENT AND TECHNOLOGY**BSBTSJ****Career Opportunities**

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

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
For candidates who matriculated in 2007 or before: National Diploma: Office Management and Technology or equivalent M + 3 qualification.
For candidates who completed the NSC in 2008 and thereafter: National Diploma: Office Management and Technology, or equivalent qualification, with appropriate instructional offerings.
Selection: Yes
Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

BACCALAUREUS TECHNOLOGIAE: PROJECT MANAGEMENT**BEBTPJ****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.

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
Appropriate SAQA-accredited M + 3 qualification (NQF level 7 – matriculated in or after 2008 or 6 matriculated in or before 2007) or RPL (only for admission to the programme.)
Industry experience of at least two years is required.
Applicants with higher qualifications and more than the minimum two years of working experience will be given first preference.
Academic performance as reflected in academic record will be used for selection.
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: No

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 contact only)

ENROLMENT OPTION(S): Semester 1

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Department of Government Management

Head of Department: Prof. T van Niekerk

Tel.: 051 507 3378 | Fax: 051 507 3789 | E-mail: edwardst@cut.ac.za

Secretary: Ms A M Shaw

Tel.: 051 507 3378 | Fax: 051 507 3789 | E-mail: ashaw@cut.ac.za

NATIONAL DIPLOMA: PUBLIC MANAGEMENT

BONDPB

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.

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

This programme will be offered in Bloemfontein.

SAQA CREDITS: 360

NQF LEVEL: 6

DURATION OF PROGRAMME: 3 years

ENROLMENT OPTION(S): Semester 1

Remarks

If external processes are finalised, a re-calculated version of current programmes will be offered in 2015

BACCALAUREUS TECHNOLOGIAE: PUBLIC MANAGEMENT

BOBTPA

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.

Admission requirements

A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications is included in the B Tech Public Management.

For candidates who matriculated in 2007 or before:

National Diploma: Public Management or equivalent M + 3 qualification with at least two years' work experience in the Public Sector, provided that space is available.

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.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

Remarks

If external processes are finalised, a re-calculated version of current programmes will be offered in 2015.

Department of Hospitality Management(Hotel School)

Acting Head of Department: Prof. PG le Roux

Secretary: Ms L Posthumus

Tel.: 051 5073235 | Fax: 051 507 3293 | E-mail: lposthumus@cut.ac.za

NATIONAL DIPLOMA: HOSPITALITY MANAGEMENT

BGNDGC

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, guest-house manager or owner, coffee shop manager or owner, chef and many others.

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.) Candidates who score between 27-32 are invited for an interview and psychometric test.

Selection: Yes

Interview: Yes

This programme will be offered in Bloemfontein.

SAQA CREDITS: 360

NQF LEVEL: 6

DURATION OF PROGRAMME: 3 years

ENROLMENT OPTION(S): Semester 1

Remarks

If external processes are finalised, a re-curriculated version of current programmes will be offered in 2015.

BACCALAUREUS TECHNOLOGIAE: HOSPITALITY MANAGEMENT

BGBTHB

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, guest-house manager or owner, coffee shop manager or owner, chef, lecturer and many others.

Admission requirements

A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.

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

ENROLMENT OPTION(S): Semester 1

Department of Tourism and Event Management

Head of Department: Dr R Haarhoff

Secretary: Ms M Raad

Tel.: 051 507 3849 | Fax: 051 507 3363 | E-mail: kraad@cut.ac.za

BACCALAUREUS TECHNOLOGIAE: SPORT MANAGEMENT BGBTSB

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

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.

Admission requirements

A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.

A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.

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

ENROLMENT OPTION(S): Semester 1

NATIONAL DIPLOMA: TOURISM MANAGEMENT

BTNDA

Career Opportunities

Successful completion of this qualification open doors into the tourism industry as a: tour operator, travel agent, different positions in the airline industry, tourism marketer, event and conference organiser/manager, car-rental agent, tourism official, government employee or teacher. Guest-houses, hotels, lodges, resorts, guest farms and nature reserves also offer employment opportunities.

Admission requirements

For candidates who matriculated in 2007 or before:

A candidate must score at least 28 or more points on the CUT scoring scale. Every applicant must write a scholastic aptitude test and undergo an interview. Due to the relatively high demand for places in this programme, a candidate who scores less than 24 points on the CUT scoring scale will not be considered for selection.

For candidates who completed the NSC in 2008 and thereafter:

A candidate must score at least 28 or more points on the CUT scoring scale. Every applicant must write a scholastic aptitude test and undergo an interview. Due to the relatively high demand for places in this programme, a candidate who scores less than 24 points on the CUT scoring scale will not be considered for selection.

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Admission requirements
Selection: Yes
Interview: Yes

This programme will be offered in Bloemfontein.

SAQA CREDITS: 360

NQF LEVEL: 6

DURATION OF PROGRAMME: 3 years

ENROLMENT OPTION(S): Semester 1

Remarks

If external processes are finalised a re-circulated version of current programmes will be offered in 2015.

Additional courses (non-compulsory)

Galileo

First Aid

Adventure Tourism (levels 1 and 2)

SA Host

Cape Wine Academy course

BACCALAUREUS TECHNOLOGIAE: TOURISM MANAGEMENT

SSBTRI

Career Opportunities

Successful completion of this qualification open doors into the tourism industry as a: tour operator, travel agent, different positions in the airline industry, tourism marketer, event and conference organiser/manager, car-rental agent, tourism official, government employee or teacher. Guest-houses, hotels, lodges, resorts, guest farms and nature reserves also offer employment opportunities.

Admission requirements
A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.
Selection: Yes
Interview: No

This programme will be offered in Bloemfontein.

SAQA CREDITS: 120

NQF LEVEL: 7

DURATION OF PROGRAMME: 1 year

ENROLMENT OPTION(S): Semester 1

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 assists with the preparation of students for the world of work and establishes mechanisms to increase student placements for Work-integrated Learning, a compulsory practical component of academic programmes.

The WIL Office is primarily responsible for the following:

- Negotiating suitable placement positions for students with companies and institutions;
- Providing industry information and assistance with the preparation of 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 (log-books 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 **E-mail:** [hjacobson@cut.ac.za](mailto:hjacobs@cut.ac.za)

Mr T Seipone **Tel.:** 051 507 3979 **E-mail:** tseipobi@cut.ac.za

Mrs T Mosholi **Tel.:** 051 507 3351 **E-mail:** tmosholi@cut.ac.za

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 (Room 117 Student Academic Support Centre)

Enquiries: Ms M Bosch

Tel.: 051 507 3721 (Bloemfontein Campus) **E-mail:** mbosch@cut.ac.za

Enquiries: Ms L Hoare

Tel.: 057 910 3656 (Welkom Campus) **E-mail:** lhoare@cut.ac.za

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 Registrar: Student Services	*Student Wellbeing
Student Governance/SRC	Counselling
Student Development	Student Selection Support
Student Information	Reading Development
Student Union	Chaplaincy
Student Organisations	Social Services
Variety of Cultural Activities	Student Wellness
Recreational Sport	Community Outreach Programmes
Mr/Miss CUT	Health Services
Carnival	Student Applications
Residence Life	Student Enrolments
Student Discipline	Operational Sport

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 500 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 four computerised reading laboratories where students can improve their reading and studying techniques with the aid of computerised reading programmes.

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 professional nurses, 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 2013)

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.

Current Journal publications are also located on this floor.

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 librarian, who is also available on Saturdays, has an office on the second 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 postgraduate students at a special tariff, and arrangements can be made at the Library Issue Desk.

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 four sections, namely the Postgraduate Research Commons, Short Loans Section (lecturers' notes, prescribed textbooks, theses and audiovisual materials), the Journal Collection, and Electronic Resource Access Centre.

Postgraduate Research Commons is for use by Masters' and Doctoral students and researchers only. Short-loan material is for use exclusively in the library for a period of two hours. 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.



**LIBRARY &
INFORMATION CENTRE**

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. 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 available 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>

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 2015 only. An increase in tuition fees will be applicable as from 2014.

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 to be received before or on 31 August 2014.	R 195.00
Application fee (non-refundable) applicable to students who follow a first or new academic programme. Late application fee to be received between 1 September 2014 and 31 October 2014.	R 390.00

Residence students

Application fee (non-refundable) applicable to students who follow a first or new academic programme. Application to be received before or on 31 August 2014.	R 195.00
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Application fee (non-refundable) applicable to students who follow a first or new academic programme. Late application fee to be received between 1 September 2014 and 31 October 2014.	R 390.00
Residence application deposit. Only refundable if the applicant is not accepted as a student or does not secure accommodation in a residence.	R 535.00

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 the end of October annually.

Semester students for semester 1: Monthly instalments of equal payments over four months. Due date for full balance payable is the end of May annually.

Semester students for semester 2: Monthly instalment of equal payments over four months. Due date for full balance payable is the 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

Mr B Fillies

Tel.: 051 507 4000 | E-mail: bfillies@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 2015, 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:

Category A

Each A symbol on HG – R1 000.00

Each A symbol on SG – R600.00

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.

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



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