



Central University of  
Technology, Free State

# PROSPECTUS

# 2016







Central University of  
Technology, Free State



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# Central University of Technology, Free State (CUT)

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## Vision 2020

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

## Systemic core values

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

## Institutional core values

- Customer service
- Integrity
- Diversity
- Innovation
- Excellence

# ENQUIRIES

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[www.cut.ac.za](http://www.cut.ac.za)

### Contact:

**Bloemfontein:** 051 507 3911

**Welkom:** 057 910 3500, and ask to be referred to the relevant Head of Department.

Modules/subjects of programmes offered can be viewed online at <http://www.cut.ac.za/programmes-offered/>

## PLEASE NOTE: INDEMNIFICATION

The information in this publication is subject to change. 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 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 2016.

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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 improve 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 obtained 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 obtained 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 qualification approved by Senate.
  - 3.1.2 A candidate for a CUT degree, excluding the Baccalaureus Technologiae degree and higher qualifications, 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 is 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 recognition of prior learning (RPL) assessment. Applications for such an RPL assessment may be submitted to 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 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 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 obtained 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 qualification approved by Senate.
- 3.2.2 A candidate must score at least 27 or more points on the CUT scoring scale, 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).
- 3.2.6 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.
- 3.2.7 Regulations pertaining to the testing of potential
- 3.2.7.1 The candidate must meet the necessary subject requirements for the learning programme in question.
- 3.2.7.2 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.
- 3.2.7.3 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 thereafter, 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 1 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, as 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 relevant Head of 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 will be mailed to the candidate.

3.2.11 Applications of foreign candidates are considered in accordance with the same regulations as those applicable to other candidates, provided that the foreign qualifications of such candidates are considered equivalent by the South African Qualifications Authority (SAQA). Foreign candidates must complete and submit an 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 Further Education and Training (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, Information and Communication Technology (ICT), Business/Finance and Education.

As documented in this prospectus, our programmes 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 (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"> <li>■ All statutory requirements for NC(V) 4 should be met;</li> <li>■ 40% in English;</li> <li>■ 30% in either Mathematics or Mathematical Literacy;</li> <li>■ 40% in Life Orientation; and</li> <li>■ 50% in the other four vocational subjects.</li> </ul>
Diploma	<ul style="list-style-type: none"> <li>■ All statutory requirements for NC(V) 4 should be met;</li> <li>■ 50% in three fundamental subjects, one of which must be English; and</li> <li>■ 60% in three compulsory vocational modules.</li> </ul>
Bachelor's degree	<ul style="list-style-type: none"> <li>■ All statutory requirements for NC(V) 4 should be met;</li> <li>■ 60% in three fundamental subjects, one of which must be English; and</li> <li>■ 70% in three compulsory vocational modules.</li> </ul>

### 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 admissions policy (See Table 2). Since NC(V) programmes are highly specialised, 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 3 below).
- 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 learning and teaching (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
<b>Civil Engineering and Building Construction</b>		
Construction Planning	National Diploma: Civil Engineering	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.
Construction Supervision		
Materials		
Carpentry and Roof Work		
Concrete Structures		
Masonry		
Physical Science		
Plumbing	National Diploma: Building	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.
Roads		
Drawing Office Practice		
Architectural Graphics and Technology		
Civil and Structural Steel work		
Mechanical Draughting and Technology		
Drawing Office Procedures and Techniques		
<b>Education and Development</b>		
Art and 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 and Business Management (only N4), History of Art (N5 and N6).
Human and 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 and 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 and Maintenance		
Engineering Fabrication – Boiler Making		
Engineering Fabrication – Sheet Metal Worker		
Fitting and Turning		
Physical Science		
Refrigeration and 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 and Human Relations	National Diploma: Hospitality Management	In addition to the general entry requirements, every applicant must write an 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 to 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 and 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	
Project Management	National Diploma in Human Resources Management	
Marketing		
Advertising and 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		
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 one of the Agricultural-related subject, is required, i.e.: Agricultural Sciences and/or Biology or Life Sciences, Mathematics, Mathematical Literacy, Life Orientation, Economics, Accounting or Physical Science. 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.
Advanced Plant Production		
Farm Planning and Mechanisation		
Agri-business		

Process Instrumentation		
Electronics Control and 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 Electrical Engineering. Every applicant must write an access assessment test.
Engineering Processes		
Physical Science		
Instrumentation Technology		
Somatology		
SETA-accredited occupational programmes	National Diploma: Somatology	In addition to the general admission requirements, 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.
FET Certificate: Beauty and Nail Technology		
Tourism		
Client Services and 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 and 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 an FET N3, N4, N5 or N6 certificate may qualify for admission to 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 the CUT scoring scale for N qualifications).
- A candidate with an N3, N4, N5 or N6 certificate does 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 completed successfully. 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 Programmes (ECPs)

Extended curriculum programmes (ECPs) were 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 underprepared despite meeting minimum admission criteria, by enabling them to be placed in 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 number 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 general low level of academic English proficiency.

For this reason, CUT 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 Academic Literacy and Communication Studies 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 is intended to equip students 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.

SI sessions commence during 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 for 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, which covers topics such as how students learn, instructional strategies aimed at strengthening student performance, data collection and management details.

SI sessions integrate "how-to-learn" with "what-to-learn". Students who attend SI sessions 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.

## 7. National Benchmark Test (NBT)

### What are the national benchmark tests?

The National Benchmark Tests (NBTs) are assessments for first-year applicants into higher education institutions. The NBTs were designed to measure a writer's ability to transfer understanding of Academic Literacy, Quantitative Literacy and Mathematics to the demands of tertiary coursework. The National Benchmark Tests comprise three multiple choice tests, written as a combined Academic Literacy and Quantitative Literacy (AQL) test, and a separate

Mathematics test. The AQL is a three-hour test that consists of an Academic Literacy (AL) section and a Quantitative Literacy (QL) section. The results of the two sections of the test are recorded separately. The second test is Mathematics (MAT), which is also multiple-choice and three hours in duration.

The Academic Literacy (AL) test targets a writer's capacity to engage successfully with the demands of academic study in the medium of instruction of the test.

The Quantitative Literacy (QL) test targets a writer's ability to manage situations or solve problems in a real context that is relevant to higher education study, using basic quantitative information that may be presented verbally, graphically, or in tabular or symbolic form.

The Cognitive Academic Mathematics Proficiency Test (CAMP) is a three-hour test that targets a writer's ability related to mathematical concepts formally regarded as part of the secondary school curriculum (Mathematics Papers 1 and 2) relevant for Higher Education studies.

## **How does CUT use NBT results?**

Although the NBTs address content typically taught in secondary school, they provide different and complementary information to the "school-leaving" examinations. CUT uses the NBT results in addition to school academic performance and examination results for placement in development courses, extended programmes, or for identifying other additional academic support.

## **National Benchmark Test (NBT) requirements at CUT**

It should be noted that all new first-year students at CUT should have written the National Benchmark Test (NBT) before registration. All faculties' applicants should have written the Academic and Quantitative Literacy Test. Applicants to the Faculty of Health and Environmental Sciences, the Faculty of Engineering and Information Technology and some departments of the Faculty of Humanities should also have written the Mathematics test. Costs for these tests are for the prospective students' account. Prospective students are advised to obtain information about the centres closest to their homes, as well as the dates on which these tests will be conducted. CUT will also serve as one of the centres.

## **About the institutional proficiency test (NBT)**

Applicants should register for a test date at least a month prior to the scheduled test. Seats are limited at venues. If one does not register and pay for the test(s) in advance, one may not be allowed to write on the test date. An applicant who writes Academic and Quantitative Literacy (AQL) pays R80.00, while an applicant who writes both Academic and Quantitative Literacy (AQL) and Mathematics (MAT) pays R160.00. The applicant only needs to write the test once, even if they are applying to more than one university. All universities to which one apply will be able to access the applicant's test results. CUT applicants are advised to write the test between June and September.

## **Learners with disabilities**

NBTP makes provision for writers with disabilities, which are facilitated by the Unit for Students with Special Needs. Writers who require to be accommodated during an examination on account of a disability can contact the NBT call

centre (021-6503523) to request a form that has to be submitted three weeks prior to the selected test date. We have successfully accommodated writers who are:

- blind (e.g. using the jaws computer programme and/or braille);
- visually impaired (e.g. large print);
- hearing impaired;
- mobility/physically impaired;
- have any specific learning disability (i.e. dyslexia, extra time, need a scribe); or
- have any chronic illness that require special accommodation.

Candidates with a specific learning disability with impairment in reading and who qualify for a reader for the National Benchmark Tests, should note that the universities to which they apply may not provide such accommodating measures. It is in the interest of candidates to enquire in advance what each university's policy is regarding the provision of readers.

## What are the tests about?

For more details on the test(s), call +27 (0)21 650 3523 or visit [www.nbt.ac.za](http://www.nbt.ac.za)

*Please note that all venues and test dates are subject to change.*

## 2016 INTAKE CYCLE TEST DATES

Find the venues and dates on our website: [www.cut.ac.za/hbt](http://www.cut.ac.za/hbt)

## How to register for NBTs

You may register online or by telephone.

1. Register online at [www.uct.nbt.ac.za](http://www.uct.nbt.ac.za). After reading the general information and the FAQs, select the "Register to Write" tab and follow all instructions. Note that you will need your SA identity document or passport in order to register.
2. If you encounter problems during the registration process, call 021-650-3523 or send an e-mail to [nbt@uct.ac.za](mailto:nbt@uct.ac.za) for assistance. The NBT project is staffed from 08:00 to 18:00 weekdays and from 07:30 to 11:30 on national test days.
3. If you do not have access to the internet, call 021 650-3523 to register. The NBT project is staffed from 08:00 to 18:00 weekdays and from 07:30 to 11:30 on national test days. The tests begin at 08:00 at many venues throughout South Africa. The Academic and Quantitative Literacy test is written in the morning session, while the Mathematics (CAMP) test is written in the afternoon. If both tests are written, you will probably complete them at approximately 16:00. They should also be written during the same sitting. Testing dates and venues are available on the NBT website at [www.nbt.ac.za](http://www.nbt.ac.za). Alternatively, please call the number indicated below.

## What should you take to the tests?

- Your identity document or passport;
- Lunch (not all centres are close to shops);
- An HB pencil and eraser; and
- Bus/train/taxi fare for returning home.

Please note that you will not be allowed to use calculators in any of the tests.

## How do you get your test results?

Approximately two weeks after you have written the tests, you may access your results on the NBT website. Log on using your unique NBT reference number or your South African ID Number.

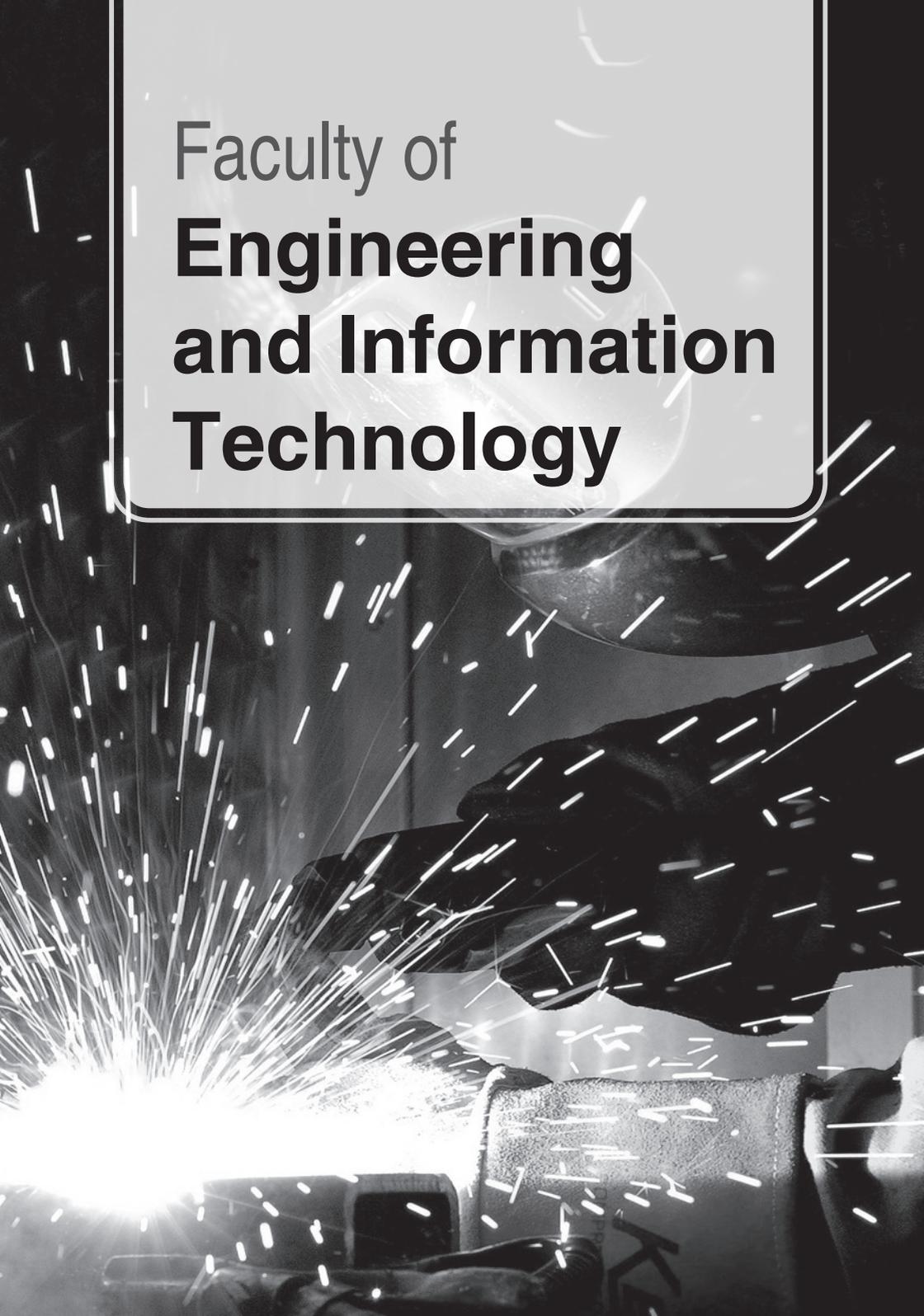
### **NBT contact information:**

Tel.: (021) 650 3523 | E-mail: [nbt@uct.ac.za](mailto:nbt@uct.ac.za) | Website: [www.nbt.uct.ac.za](http://www.nbt.uct.ac.za)

Applicants must have written the applicable National Benchmark Tests (NBTs) by no later than 31 December 2015.

Questions may be directed to the Office of the Deputy Registrar, Ms N Dlamini, at [ndlamini@cut.ac.za](mailto:ndlamini@cut.ac.za), or Ms L Masupe at [pmasupe@cut.ac.za](mailto:pmasupe@cut.ac.za).

**Please note:** All information above is subject to CUT's admission policy and procedure. This document is for information purposes only.



Faculty of  
**Engineering  
and Information  
Technology**

## 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.

**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

**Tel.:** 051 507 3081 | **Fax:** 051 507 3254 | **E-mail:** mmbeo@cut.ac.za

# 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

## Qualification & Code

**NATIONAL DIPLOMA: BUILDING**

ISNDBO

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 Years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

**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.

### 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.

## Qualification & Code

**BACCALAUREUS TECHNOLOGIAE: CONSTRUCTION MANAGEMENT**

ISBTRR

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time or 2 years part-time	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

### Additional 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.

### 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.

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: QUANTITY SURVEYING						ISBTQG
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time or 2 years part-time	Semester 1	120	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<i>For candidates who matriculated in 2007 or before:</i>						
<ul style="list-style-type: none"> <li>■ Appropriate M+3 qualification.</li> </ul>						
<i>For candidates who completed the NSC in 2008 and thereafter:</i>						
<ul style="list-style-type: none"> <li>■ National Diploma: Building, with the appropriate instructional offerings.</li> <li>■ A weighted average of 60% in the final year of National Diploma study.</li> <li>■ 60% for Quantity Surveying III in the final year of the National Diploma study is recommended.</li> </ul>						
<b>Career Opportunities</b>						
<p>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.</p> <p>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.</p>						

<b>DEPARTMENT OF CIVIL ENGINEERING</b>	
<b>Head of Department:</b> Prof. YE Woyessa	<b>Ms S Pheto</b> Tel.: 051 507 3082   Fax: 051 507 3254   E-mail: spheto@cut.ac.za

Qualification & Code						
NATIONAL DIPLOMA: ENGINEERING: CIVIL						ISNDLS
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 Years	Semester 1 and 2	360	6	National Senior Certificate or equivalent qualification	Selection

**Additional Admission Requirements**

**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.

**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 PRASA, Eskom, mining companies, construction firms, civil consulting engineers, and research institutions. A person holding this qualification can also start his/her own business.

**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.

**Qualification & Code**

BACCALAUREUS TECHNOLOGIAE: ENGINEERING: CIVIL

ISBTCJ

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1 and 2	120	7	See below: Additional Admission Requirements	Selection

**Additional 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.

**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 PRASA and Transnet Freight Rail, Eskom, mining companies, construction firms, civil consulting engineers, and research institutions. A person holding this qualification can also start his/her own business.

**DEPARTMENT OF ELECTRICAL, ELECTRONIC AND COMPUTER ENGINEERING**

**Head of Department:**  
Prof. HJ Vermaak

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

Qualification & Code						
HIGHER CERTIFICATE: RENEWABLE ENERGY TECHNOLOGIES						IEHCRE
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	5	See below: Additional Admission Requirements	Selection
<p><b>Additional Admission Requirements</b>  <i>For candidates who matriculated in 2007 or before:</i></p> <ul style="list-style-type: none"> <li>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.</li> </ul> <p><i>For candidates who completed the NSC in 2008 and thereafter:</i></p> <ul style="list-style-type: none"> <li>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.</li> </ul> <p><i>Applicants in possession of the National Certificate Vocational (NCV) will be selected according to the selection requirements as approved by senate.</i></p>						
<p><b>Career Opportunities</b></p> <p>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.</p>						
<p><b>Remarks:</b></p> <ul style="list-style-type: none"> <li>All instructional offerings are compulsory.</li> <li>Any application for subject recognition will be considered ONLY for subjects completed at equivalent level, not lower.</li> <li>The qualification will be issued on completion of 120 credits.</li> <li>One intake per year in January.</li> <li>After successful completion of this qualification, a higher certificate will be awarded during an official graduation ceremony at CUT.</li> </ul>						

Qualification & Code						
NATIONAL DIPLOMA: ENGINEERING: COMPUTER SYSTEMS						IEENCY
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection
<p><b>Additional Admission Requirements</b>  <i>For candidates who matriculated in 2007 or before:</i></p> <ul style="list-style-type: none"> <li>A Grade 12 National 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 Physical Science and Mathematics. Mathematical Literacy will <b>not</b> be accepted.</li> </ul> <p><i>For candidates who completed the NSC in 2008 and thereafter:</i></p> <ul style="list-style-type: none"> <li>A National Senior Certificate with a score of 27 on the CUT scoring scale, plus a minimum pass mark of 50% (rating 4) in both Mathematics and Physical Science. Mathematical Literacy will <b>not</b> be accepted.</li> </ul>						
<p><b>Career Opportunities</b></p> <p>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 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.</p>						

**Qualification & Code**NATIONAL DIPLOMA: ENGINEERING: ELECTRICAL (*Light Current*)

IENDLC

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1 and 2	360	6	National Senior Certificate or equivalent qualification.	Selection

**Additional Admission Requirements****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. Mathematical Literacy will not be accepted.

**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. Mathematical Literacy will not be accepted.

**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.

**Qualification & Code**NATIONAL DIPLOMA: ENGINEERING: ELECTRICAL (*Heavy Current*)

IENDTS

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1 and 2	360	6	National Senior Certificate or equivalent qualification.	Selection

**Additional Admission Requirements****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. Mathematical Literacy will **not** be accepted.

**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. Mathematical Literacy will **not** be accepted.

**Career Opportunities**

The generation, distribution and utilisation of electrical power are of the utmost importance in our country. A technologist who is 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, PRASA and Transnet Freight Rail, Columbus Steel, suppliers of electrical equipment, the mining industry, municipalities, consulting engineers and research institutions. A person holding this qualification could also establish his/her own business.

**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.

Qualification & Code						
NATIONAL DIPLOMA: ENGINEERING: ELECTRICAL ( <i>ELECTRONIC LC</i> )						EXNDEC
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	4 years	Semester 1 and 2	360	6	National Senior Certificate or equivalent qualification.	Selection
<b>Additional Admission Requirements</b>						
<b>For candidates who matriculated in 2007 or before:</b>						
<ul style="list-style-type: none"> <li>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. Mathematical Literacy will not be accepted.</li> </ul>						
<b>For candidates who completed the NSC in 2008 and thereafter:</b>						
<ul style="list-style-type: none"> <li>In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required. Mathematical Literacy will not be accepted.</li> </ul>						
<b>Career Opportunities</b>						
<p>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.</p>						

Qualification & Code						
NATIONAL DIPLOMA: ENGINEERING: ELECTRICAL ( <i>Heavy Current</i> )						EXNDEL
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1 and 2	360	6	National Senior Certificate or equivalent qualification.	Selection
<b>Additional Admission Requirements</b>						
<b>For candidates who matriculated in 2007 or before:</b>						
<ul style="list-style-type: none"> <li>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. Mathematical Literacy will not be accepted.</li> </ul>						
<b>For candidates who completed the NSC in 2008 and thereafter:</b>						
<ul style="list-style-type: none"> <li>In addition to the general admission requirements, a minimum mark of 50% in both Mathematics and Physical Science is required. Mathematical Literacy will not be accepted.</li> </ul>						
<b>Career Opportunities</b>						
<p>The generation, distribution and utilisation of electrical power are of the utmost importance in our country. A technician who is 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, PRASA, Transnet Freight Reil, Columbus Steel, suppliers of electrical equipment, the mining industry, municipalities, and research institutions. A person with this qualification could also establish his/her own business.</p>						

## Qualification &amp; Code

BACCALAUREUS TECHNOLOGIAE: ENGINEERING: ELECTRICAL

IEBTEG

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time or 2 years part-time	Semester 1 and 2	120	7	See below: Additional Admission Requirements	Selection

**Additional 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.

**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, PRASA, Transnet Freight Rail, Columbus Steel, suppliers of electrical equipment, mining companies, municipalities and research institutions. A person holding this qualification could also establish his/her own business.

## 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](mailto:jvdwest@cut.ac.za) | [it@cut.ac.za](http://it@cut.ac.za)

## Qualification &amp; Code

NATIONAL DIPLOMA: INFORMATION TECHNOLOGY

BCNDIA

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

**Additional Admission Requirements****For candidates who matriculated in 2007 or before:**

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

**For candidates who completed the NSC in 2008 and thereafter:**

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

### 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 in fields such as web applications, communication networks and software development. The department is particularly unique in the country, as 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 provides 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:** Information Systems (IS) project leaders.

### Remarks

Like other national diploma programmes, this is a three-year programme. After the first 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.

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: INFORMATION TECHNOLOGY BCBTIP  
 (SOFTWARE DEVELOPMENT) as well as (WEB AND APPLICATION DEVELOPMENT)

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements	Selection

### Additional Admission Requirements

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

- Appropriate M+3 qualification with an average of 65%.

**For candidates who completed the NSC in 2008 and thereafter:**

- National Diploma: Information Technology, with the appropriate instructional offerings and an average of 65%.

### 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 in fields such as web applications, communication networks and software development. The Department is particularly unique in the country, as 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 provides 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:** Information Systems (IS) project leaders.

### 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

Tel.: 051 507 3087 | Fax: 051 507 3254 | E-mail: hbrink@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

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

### Qualification & Code

NATIONAL DIPLOMA: ENGINEERING: MECHANICAL

IMNDNG

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1 and 2	360	6	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

*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.

**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, PRASA, Transnet Freight Rail, 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.

**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.

**Qualification & Code**

BACCALAUREUS TECHNOLOGIAE: ENGINEERING: MECHANICAL

IMBTMB

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1 and 2	120	7	See below: Additional Admission Requirements	Selection

**Additional 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.

**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, PRASA, Transnet Freight Rail, 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.

**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 a level-IV instructional offering is 1.0 credit.



Faculty of  
**HEALTH AND  
ENVIRONMENTAL  
SCIENCES**

## Faculty of Health and Environmental Sciences

### 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, and various health-related disciplines, including Clinical Technology, Radiography, Biomedical Technology, Dental Assisting, Emergency Medical Care and Somatology, with specialist fields at undergraduate and postgraduate level in most of these disciplines.

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 completely involved in a variety of community projects.

**Acting Dean:** Prof. SS Mashele

**Secretary:** Ms NC Nigrini

**Tel.:** 051 507 3112 | **Fax:** 051 507 3355 | **E-mail:** nigrini@cut.ac.za

### General Enquiries

**Faculty Administrator:** Dr LM Makhalemele

**Tel.:** 051 507 3433 | **Fax:** 051 507 3355 | **E-mail:** lmakhale@cut.ac.za

**Faculty Officer:** Mr FR Mokoena

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# DEPARTMENT OF AGRICULTURE

**Head of Department:**  
Prof. DO Umesiohi

**Secretary: Ms M Kotsi**  
Tel.: 051 507 4051 | Fax: 051 507 3435 | E-mail: mkotsi@cut.ac.za

## Qualification & Code

ADVANCED DIPLOMA IN AGRICULTURAL EXTENSION

TLADAE

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1 and 2	120	7	See below: Additional Admission Requirements.	Selection

### Additional 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 qualification.

### 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, technicians, etc.

The Department of Agriculture at CUT offers a professional 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. Over the years, the Department of Agriculture at CUT has earned an excellent reputation among farming communities, both in the Free State region and nationwide. This advanced diploma programme will provide 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. These 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, will be competent to compile and manage an extension programme, and will apply their basic knowledge, skills and attitudes towards rural and agricultural development.

## Qualification & Code

NATIONAL DIPLOMA: AGRICULTURAL MANAGEMENT

TLNDLB

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

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

- In addition to the general admission requirements, a pass mark in Agricultural Sciences 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.

### Career Opportunities

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

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: AGRICULTURAL MANAGEMENT						TLBTLA
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<b>For candidates who matriculated in 2007 or before:</b>						
<ul style="list-style-type: none"> <li>National Diploma: Agricultural Management or equivalent qualification.</li> </ul>						
<b>For candidates who completed the NSC in 2008 and thereafter:</b>						
<ul style="list-style-type: none"> <li>National Diploma: Agricultural Management, or equivalent qualification, with the appropriate instructional offerings.</li> </ul>						
<b>Career Opportunities</b>						
Farming as owner or manager; buying and selling of agricultural products; agricultural industries such as stock-feed, machinery and agrochemical companies; agricultural insurance, financing and other related fields; consultation and advisory positions with the government, international companies and private agencies; urban development and resource management; land and resource management; and business opportunities in other commercial fields, whether related or unrelated to agriculture.						

DEPARTMENT OF CLINICAL SCIENCES	
<b>Head of Department:</b> <b>Prof. H Friedrich-Nel</b>	Tel.: 051 507 3166   Fax: 051 507 3278   E-mail: gmolefe@cut.ac.za

NATIONAL DIPLOMAS: EXTENDED CURRICULUM PROGRAMMES
<p>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.</p> <p>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 placements.</p> <p>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.</p> <p>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.</p>

Qualification & Code						
NATIONAL DIPLOMA: EMERGENCY MEDICAL CARE (ECP)						HXNDEA
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	4 years	Semester 1	432	6	National Senior Certificate or equivalent qualification.	Selection and Interview
<b>Additional Admission Requirements</b>						
<b>For candidates who matriculated in 2007 or before:</b>						
<ul style="list-style-type: none"> <li>In addition to the general admission requirements, a minimum mark of 50% on Standard Grade in at least <b>two</b> 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.</li> </ul>						
<b>For candidates who completed NSC in 2008 and thereafter:</b>						
<ul style="list-style-type: none"> <li>In addition to the general admission requirements, a minimum mark of 50% in <b>two</b> 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.</li> </ul>						

Qualification & Code						
NATIONAL DIPLOMA: EMERGENCY MEDICAL CARE						THNDMC
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection and Interview
<b>Additional Admission Requirements</b>						
<i>For candidates who matriculated in 2007 or before:</i>						
<ul style="list-style-type: none"> <li>In addition to the general admission requirements, a minimum mark of 50% on Standard Grade in at least <b>two</b> 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.</li> </ul>						
<i>For candidates who completed NSC in 2008 and thereafter:</i>						
<ul style="list-style-type: none"> <li>In addition to the general admission requirements, a minimum mark of 50% in <b>two</b> 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.</li> </ul>						
<b>Career Opportunities</b>						
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.						
<b>Remarks</b>						
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.						

Qualification & Code						
BACHELOR OF RADIOGRAPHY IN DIAGNOSTICS						HBCBRD
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	4 year full-time	Semester 1	480	8	National Senior Certificate or equivalent qualification.	Selection
<b>Additional Admission Requirements</b>						
<i>For candidates who matriculated in 2007 or before:</i>						
<ul style="list-style-type: none"> <li>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.</li> </ul>						
<i>For candidates who completed the NSC in 2008 and thereafter:</i>						
<ul style="list-style-type: none"> <li>In addition to the general admission requirements, a minimum mark of 50% in Life Sciences, Physical Science and Mathematics, is required.</li> </ul>						
<b>Career Opportunities</b>						
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.						

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: RADIOGRAPHY (DIAGNOSTIC)						TABTDC
BACCALAUREUS TECHNOLOGIAE: RADIOGRAPHY (THERAPY)						TABTOT
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	2 years part-time	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

**Additional Admission Requirements****For candidates who matriculated in 2007 or before:**

- National Diploma: Radiography, or equivalent qualification.

**For candidates who completed the NSC in 2008 and thereafter:**

- National Diploma: Radiography, or equivalent qualification, with the appropriate instructional offerings.

**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.

**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**

Head of Department:  
Dr D Olivier

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**Qualification & Code**

NATIONAL DIPLOMA: BIOMEDICAL TECHNOLOGY

TANDIC

Campus	Duration of Programme	Enrolment Option(s)	SAGA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	361	6	National Senior Certificate or equivalent qualification.	Selection

**Additional Admission Requirements****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.

**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.

**Qualification & Code**

NATIONAL DIPLOMA: CLINICAL TECHNOLOGY

TANDCT

Campus	Duration of Programme	Enrolment Option(s)	SAGA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

**Additional Admission Requirements****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.

**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.

**Qualification & Code**

NATIONAL DIPLOMA: SOMATOLOGY

THNDGI

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

**Additional Admission Requirements****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.

**Career Opportunities**

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

**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. 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.

**Qualification & Code**

BACCALAUREUS TECHNOLOGIAE: BIOMEDICAL TECHNOLOGY

TABTBH

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

**Additional 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.

**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.

**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.

**Qualification & Code**

BACCALAUREUS TECHNOLOGIAE: CLINICAL TECHNOLOGY

TABTNI

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection and interview

**Additional 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.

**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.

**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.

**Qualification & Code**

BACCALAUREUS TECHNOLOGIAE: SOMATOLOGY

THBTLO

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

**Additional 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.

**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.

**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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## Qualification & Code

NATIONAL DIPLOMA: ENVIRONMENTAL HEALTH

THNDEV

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

#### *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.

### 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.

## Qualification & Code

HIGHER CERTIFICATE: DENTAL ASSISTING

HLHCDL

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time 2 years part-time	Semester 1	141	5	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

#### *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.

**Career Opportunities**

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.

**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.

**Qualification & Code**

BACCALAUREUS TECHNOLOGIAE: ENVIRONMENTAL HEALTH

THBTEM

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

**Additional Admission Requirements****For candidates who matriculated in 2007 or before:**

- National Diploma: Environmental Health, or equivalent qualification, with a minimum average mark of 60% for the qualification, or at least 60% for the pre-requisite main module.

**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 60% for the qualification, or at least 60% for the pre-requisite main module.

**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.

Faculty of  
**HUMANITIES**

### GENERAL

The Faculty of Humanities consists of six 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, and Department of Language and Social Sciences 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) Senior Phase (SP) & 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.

**Dean:** Prof. DP Ngidi  
**Tel.:** 051 507 3216 | **Fax:** 051 507 3751

### General Enquiries

**Faculty Administrator:** Mr T Williams  
**Tel.:** 051 507 3328 | **Fax:** 051 507 3751 | **E-mail:** twilliams@cut.ac.za

# DEPARTMENT OF COMMUNICATION SCIENCES

<b>Head of Department:</b> Dr BG Fredericks	<b>Secretary: Ms N Oberholzer</b> Tel.: 051 507 3327   Fax: 051 507 3320   E-mail: nmuller@cut.ac.za
<b>Departmental Manager:</b> Dr B Badenhorst (Welkom Campus)	Tel.: 057 910 3633   E-mail: bbadenho@cut.ac.za
<b>Academic Administrative Officer:</b> Ms P Kellerman (Welkom Campus)	Tel.: 057 388 3599   E-mail: pkellerm@cut.ac.za

## Qualification & Code

NATIONAL DIPLOMA: LANGUAGE PRACTICE

SSNDTL

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

#### *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.

### Career Opportunities

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

### Remark

This learning programme is to be replaced by the Diploma in Language Practice and Media Studies

## Qualification & Code

NATIONAL DIPLOMA: LANGUAGE PRACTICE AND MEDIA STUDIES

SSNDTL

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

#### *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.

### Career Opportunities

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

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: LANGUAGE PRACTICE						SSBTTK
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<i>For candidates who matriculated in 2007 or before:</i>						
<ul style="list-style-type: none"> <li>■ Appropriate M+3 qualification.</li> </ul>						
<i>For candidates who completed the NSC in 2008 and thereafter:</i>						
<ul style="list-style-type: none"> <li>■ National Diploma: Language Practice, with the appropriate instructional offerings and average of 60% is required.</li> </ul>						
<b>Career Opportunities</b>						
Language Practitioner; Training Officer; Copywriter; Administrative Officer; Translator; Communications Officer; Technical Writer; Public Relations Officer; Journalist; Conference Organiser.						

DEPARTMENT OF DESIGN AND STUDIO ART	
<b>Head of Department:</b> Prof. FE van Schalkwyk	<b>Secretary: Ms P Moatlhodi</b> Tel.: 051 507 3184   Fax: 051 507 3197   E-mail: mmoatlhodi@cut.ac.za

Qualification & Code						
DIPLOMA: DESIGN AND STUDIO ART						HADPSA
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	366	6	See below: Additional Admission Requirements.	Selection and interview
<b>Additional Admission Requirements</b>						
<i>For candidates who matriculated in 2007 or before:</i>						
<ul style="list-style-type: none"> <li>■ National Senior Certificate or equivalent qualification.</li> </ul>						
<i>For candidates who completed the NSC in 2008 and thereafter:</i>						
<ul style="list-style-type: none"> <li>■ In addition to the general admission requirements, candidates must submit a portfolio of their work. Visual Art is recommended.</li> </ul>						
<b>Career Opportunities</b>						
Visual Arts; fashion; advertising; communications; packaging; jewellery; illustration and multi-media.						
<b>Remarks</b>						
<p>In addition to the general CUT admission criteria, the aforementioned department requests applicants to undergo additional procedures before final selection and acceptance can proceed.</p> <p>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.</p> <ol style="list-style-type: none"> <li>1. All prospective students must apply for admission in accordance with the Policies and Procedures.</li> <li>2. 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.</li> <li>3. All candidates will furthermore be placed on a waiting list until they have completed an assessment test. The assessment test will involve the following: <ul style="list-style-type: none"> <li>■ 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;</li> <li>■ a personal interview;</li> </ul> </li> </ol>						

- 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.

1. 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.
2. In cases where candidates' applications have been unsuccessful, they can decide on one of the following options:
3. Application for admittance to the Extended Curriculum Programme of Design and Studio Art.
4. 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.

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: FINE ART

KBBTAR

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

#### Additional 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.

#### Career Opportunities

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

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: GRAPHIC DESIGN

KGBTGS

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

#### Additional 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.

#### Career Opportunities

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

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: PHOTOGRAPHY						KFBTGP
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<i>For candidates who matriculated in 2007 or before:</i>						
<ul style="list-style-type: none"> <li>■ Appropriate M+3 qualification.</li> </ul>						
<i>For candidates who completed the NSC in 2008 and thereafter:</i>						
<ul style="list-style-type: none"> <li>■ National Diploma: Photography, with the appropriate instructional offerings.</li> </ul>						
<b>Career Opportunities</b>						
Commerce and industry; government and public sectors; film and television industries; own studio.						

## DEPARTMENT OF LANGUAGE AND SOCIAL SCIENCES EDUCATION

**Head of Department:**  
**Dr P Phindane**

**Secretary: Ms C Monoko**  
Tel.: 051 507 3371 | Fax: 051 507 3367 | E-mail: mmonoko@cut.ac.za

Qualification & Code						
BACCALAUREUS EDUCATIONIS: SP & FET ECONOMIC AND MANAGEMENT SCIENCES						BEDSFE
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	4 years	Semester 1	480	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<i>For candidates who matriculated in 2007 or before:</i>						
<ul style="list-style-type: none"> <li>■ Senior Certificate with <b>matriculation exemption</b>. Grade 12 Accounting is a prerequisite. Mathematics at NQF level 4, with at least a D symbol on Standard Grade, is also required.</li> </ul>						
<i>For candidates who completed the NSC in 2008 and thereafter:</i>						
<ul style="list-style-type: none"> <li>■ 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.</li> </ul>						
<b>Career Opportunities</b>						
Teacher or lecturer at a secondary school or FET college; training officer at a private or public institution.						
<b>Enquiries</b>						
Mr MG Zwane (Bloemfontein Campus) Tel.: 051 507 3872   Fax: 051 507 3367   E-mail: mzwane@cut.ac.za						

Qualification & Code						
BACCALAUREUS EDUCATIONIS: SP & FET: LANGUAGES						BEDSFL
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	4 years	Semester 1	480	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> <b>For candidates who matriculated in 2007 or before:</b> <ul style="list-style-type: none"> <li>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.</li> </ul> <b>For candidates who completed the NSC in 2008 and thereafter:</b> <ul style="list-style-type: none"> <li>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.</li> </ul>						
<b>Career Opportunities</b> Teacher or lecturer at a secondary school or FET college; training officer at a private or public institution.						

## DEPARTMENT OF MATHEMATICS, SCIENCE AND TECHNOLOGY EDUCATION

**Head of Department:**  
**Dr W Setlaletoa**

**Secretary: Ms K Connway**  
Tel.: 051 507 3371 | Fax: 051 507 3367 | E-mail: kconnway@cut.ac.za

Qualification & Code						
BACCALAUREUS EDUCATIONIS: SP & FET: COMPUTER SCIENCE						BEDSFC
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	4 years	Semester 1	480	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> <b>For candidates who matriculated in 2007 or before:</b> <ul style="list-style-type: none"> <li>Senior Certificate with <b>matriculation exemption</b>. If Mathematics is selected, Mathematics at NQF level 4 with a D symbol on Higher Grade or C symbol on Standard Grade is required.</li> </ul> <b>For candidates who completed the NSC in 2008 and thereafter:</b> <ul style="list-style-type: none"> <li>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.</li> </ul>						
<b>Career Opportunities</b> Teacher or lecturer at a secondary school or FET college.						

Qualification & Code						
BACCALAUREUS EDUCATIONIS: SP & FET: NATURAL SCIENCES						BEDSFN
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	4 years	Semester 1	480	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> <i>For candidates who matriculated in 2007 or before:</i> <ul style="list-style-type: none"> <li>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.</li> </ul> <i>For candidates who completed the NSC in 2008 and thereafter:</i> <ul style="list-style-type: none"> <li>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%.</li> </ul>						
<b>Career Opportunities</b> Teacher or lecturer at a secondary school or FET college.						

Qualification & Code						
BACCALAUREUS EDUCATIONIS: SP & FET: TECHNOLOGY						BEDSFT
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	4 years	Semester 1	480	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> <i>For candidates who matriculated in 2007 or before:</i> <ul style="list-style-type: none"> <li>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.</li> </ul> <i>For candidates who completed the NSC in 2008 and thereafter:</i> <ul style="list-style-type: none"> <li>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.</li> </ul>						
<b>Career Opportunities</b> Teacher or lecturer at a secondary school or FET college.						

Qualification & Code						
BACCALAUREUS EDUCATIONIS: SP & FET: MATHEMATICS						BEDSFM
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	4 years	Semester 1	480	6	See below: Additional Admission Requirements.	Selection

### Additional Admission Requirements

*For candidates who matriculated in 2007 or before:*

- Senior Certificate with matriculation exemption. Mathematics, 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 as major subject(s) must have passed Physical Science with a minimum mark of 50%. A candidate must have passed Mathematics with a minimum mark of 50%.

### Career Opportunities

Teacher or lecturer at a secondary school or FET college.

## DEPARTMENT OF POSTGRADUATE STUDIES: EDUCATION

<b>Head of Department:</b> <b>Prof. GJ Schlebusch (Welkom Campus)</b>	<b>Secretary: Ms MHE Van Niekerk</b> Tel.: 051 507 910 3572   Fax: 0866192586   E-mail: gschlebu@cut.ac.za
<b>Acting Departmental Manager:</b> <b>Mr T Matho (Bloemfontein Campus)</b>	Tel.: 051 507 3871   Fax: 051 507 3367   E-mail: lmatho@cut.ac.za

### Qualification & Code

POSTGRADUATE CERTIFICATE IN EDUCATION (PGCE)						BWPCWC
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	1 year full-time or 2 years part-time	Semester 1	144	6	See below: Additional Admission Requirements.	Selection

### Additional Admission Requirements

The applicant must 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.

### Career Opportunities

Teacher or lecturer at a secondary school or FET college.

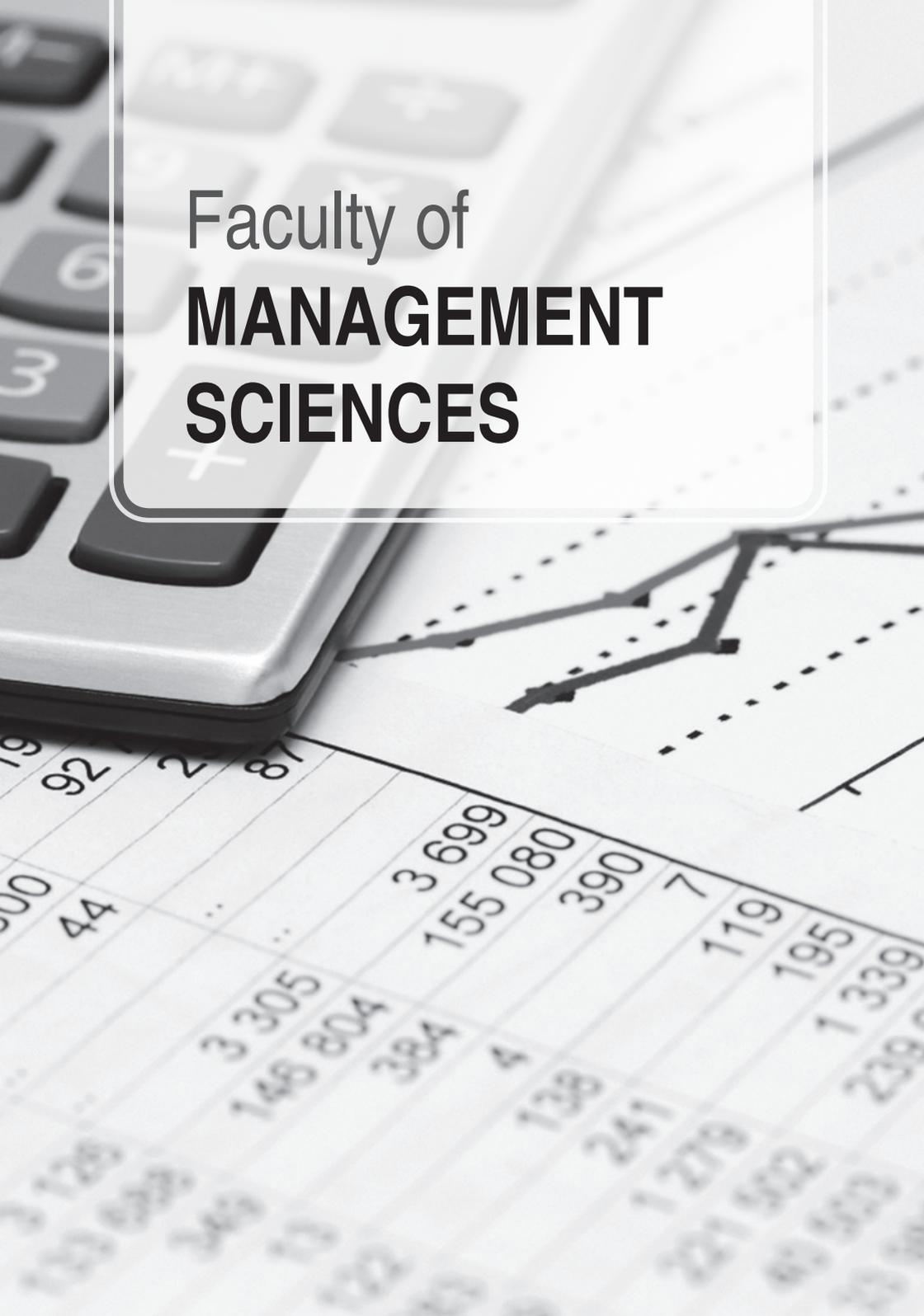
#### Purpose

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 phase educators, will enable current professionals without a professional teaching qualification, but with an M+3 (360-credit) qualification, to qualify as an educator.

Qualification & Code						
BACHELOR OF EDUCATION (HONS): EDUCATIONAL MANAGEMENT						BWBEHW
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	1 year full-time or 2 years part-time	Semester 1	120	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> A four year education degree/ approved diploma; A three year degree/diploma and a Post Graduate Certificate in Education (PGCE)						
<b>Career Opportunities</b> The qualification will improve the candidate's position when applying for promotion.						

Qualification & Code						
ADVANCED CERTIFICATE IN EDUCATION: (FET): MATHEMATICAL LITERACY						BWACML
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Welkom	2 years of part-time study	Semester 1	120	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> Recognised teaching qualification at NQF level 5 (360 credits) in Education and Training.						
<b>Career Opportunities</b> Teacher or lecturer at a secondary school or FET college.						
<b>Purpose</b> To enable current teachers with an M+3 qualification to upgrade to an M+4 qualification.						
<b>Enquiries</b> Dr AM Rambuda (Welkom Campus) Tel.: 057 910 3607   Fax: 086 619 2586   E-mail: arambuda@cut.ac.za						



Faculty of  
**MANAGEMENT  
SCIENCES**

### 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 Resource Management, Project Management, Business Administration, Community Development, Office Management and Technology, Marketing Management, 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, subject to meeting specific programme requirements. 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.

**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

# DEPARTMENT OF ACCOUNTING AND AUDITING

<b>Head of Department:</b> Mr A Taylor	Tel.: 051 507 3596   Fax: 051 507 3133
<b>Departmental Manager:</b> Mr G von Benecke (Welkom Campus)	Tel. 057 910 3528   Fax: 0866 938 324   E-mail: gvbencke@cut.ac.za
<b>Programme Coordinator: National Higher Certificate: Accounting</b> Ms A Coetzee	Tel: 051 507 3211   Fax: 051 507 3133   E-mail: ccoetzee@cut.ac.za
<b>Programme Coordinator: Internal Auditing</b> Mr J Steyn	Tel: 051 507 3189   Fax: 051 507 3133   E-mail: jsteyn@cut.ac.za
<b>Programme Coordinator: Financial Information Systems</b> Mrs L Steenkamp	Tel: 051 507 3333   Fax: 051 507 3133   E-mail: llubbe@cut.ac.za

## Qualification & Code

NATIONAL HIGHER CERTIFICATE: ACCOUNTING

BRHSAB

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	2 years	Semester 1	264	5	National Senior Certificate or an equivalent qualification.	Selection

### Additional Admission Requirements

#### *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.

### Career Opportunities

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

### 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.

This programme will be offered on a full-time basis and during the day only.

## Qualification & Code

NATIONAL DIPLOMA: COST AND MANAGEMENT ACCOUNTING

BRNDTJ

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	1 year	Semester 1	120	6	See below: Additional Admission Requirements.	Selection

### Additional Admission Requirements

- National Higher Certificate: Accounting

### 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.

### Remarks

This programme will be offered on a full-time basis and during the day only.

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: COST AND MANAGEMENT ACCOUNTING BRBTNA

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time	Semester 1	132	7	See below: Additional Admission Requirements.	Selection

### Additional 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: Cost and Management Accounting, with appropriate instructional offerings, obtained in the last 3 years.

### 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.

### Qualification & Code

NATIONAL HIGHER CERTIFICATE: FINANCIAL INFORMATION SYSTEMS BRHSFA

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	2 years	Semester 1	240	5	National Senior Certificate or equivalent qualification.	Selection

### Additional Admission Requirements

#### *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:*

- In addition to the general admission requirements, a minimum mark of 60% in Accounting is required.

### Career Opportunities

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

### 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.

This programme will be offered on a full-time basis and during the day only.

Qualification & Code						
NATIONAL DIPLOMA: FINANCIAL INFORMATION SYSTEMS						BCNDFL
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time	Semester 1	132	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<ul style="list-style-type: none"> <li>National Higher Certificate: Financial Information Systems, obtained from CUT in the last 3 years.</li> </ul>						
<b>Career Opportunities</b>						
Database administrator, enterprise resource planner, systems developer, financial accountant, accounting information systems administrator, internal auditor, information systems auditor.						

Qualification & Code						
NATIONAL DIPLOMA: INTERNAL AUDITING						BRNDAJ
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	1 year	Semester 1	120	6	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<ul style="list-style-type: none"> <li>National Higher Certificate: Accounting</li> </ul>						
<b>Career Opportunities</b>						
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.						
<b>Remarks</b>						
This programme will be offered on a full-time basis and during the day only.						

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: FINANCIAL INFORMATION SYSTEMS						BCBTFA
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time	Semester 1	132	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b>						
<ul style="list-style-type: none"> <li>A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.</li> <li>National Diploma: Financial Information Systems, or equivalent qualification, with appropriate instructional offerings, obtained in the last 3 years.</li> </ul>						
<b>Career Opportunities</b>						
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.						

### Remarks

Candidates will be expected to undergo Work-integrated Learning.  
The actual programme design may differ from the table above.

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: INTERNAL AUDITING BRBTIA

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time	Semester 1	132	7	See below: Additional Admission Requirements.	Selection

### Additional 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.

### 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.

## DEPARTMENT OF BUSINESS MANAGEMENT

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**Programme Coordinator:**  
Marketing Management

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### Qualification & Code

NATIONAL DIPLOMA: HUMAN RESOURCES MANAGEMENT BPNDDL

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	3 years	Semester 1	360	6	Senior Certificate or equivalent qualification	Selection

### Career Opportunities

Human resources development practitioner, human resources manager, Employment/Labour relations specialist, Human Resources Management (HRM) or Human Resources Development (HRD) specialist.

### Remarks

Please note if external processes are finalised a re-curriculated version of current programmes will be offered in 2016.

### Qualification & Code

NATIONAL DIPLOMA: MARKETING

BBNDBR

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein, Welkom and Kimberley	3 years	Semester 1	360	6	National Senior Certificate or equivalent qualification	Selection

### Career Opportunities

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

### Remarks

Please note if external processes are finalised a re-curriculated version of current programmes will be offered in 2016.

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: HUMAN RESOURCES MANAGEMENT

BPBTHR

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein, Welkom and Kimberley	1 year	Semester 1	132	7	See below: Additional Admission Requirements.	Selection

### Additional Admission Requirements

A minimum of 60% 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 Resource Management.

### Career Opportunities

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

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: MARKETING						BBBTMQ
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.						
<b>For candidates who matriculated in 2007 or before:</b> <ul style="list-style-type: none"> <li>■ National Diploma: Marketing, or equivalent M+3 qualification.</li> </ul>						
<b>For candidates who completed the NSC in 2008 and thereafter:</b> <ul style="list-style-type: none"> <li>■ National Diploma: Marketing, or equivalent qualification, with appropriate instructional offerings.</li> </ul>						
<b>Career Opportunities</b> Marketer, marketing manager, sales manager, advertising manager, marketing researcher, export agent, export manager, employee in the international division of a bank.						

DEPARTMENT OF BUSINESS SUPPORT STUDIES	
<b>Head of Department:</b> Prof. DY Dzansi	<b>Secretary: Ms T Scheepers</b> Tel: 051 507 3219   Fax: 051 507 3869   E-mail: tscheepers@cut.ac.za
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<b>Programme Coordinator: Project Management</b> Mr EK Agbobli	Tel: 051 507 3955   Fax: 051 507 3869   E-mail: eagbobli@cut.ac.za
<b>Programme Coordinator: Office Management and Technology</b> Ms B Basson	Tel: 051 507 3330   Fax: 051 507 3869   E-mail: bdramos@cut.ac.za
<b>Departmental Manager (Welkom Campus)</b> Dr F van der Walt	Tel. 057 910 3686   Fax: + 27 86 610 7077   E-mail: fvdwalt@cut.ac.za

Qualification & Code						
NATIONAL DIPLOMA: OFFICE MANAGEMENT AND TECHNOLOGY						BSNDTD
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	3 years	Semester 1	360	6	Senior Certificate or equivalent qualification	Selection
<b>Career Opportunities</b> Secretary, data processor, administrative assistant, management assistant, personal assistant, legal secretary, personnel officer, administrative officer, administrative office manager.						

### 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.

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: BUSINESS ADMINISTRATION

BBBTAS

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	2 years	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

### Additional 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.

### 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.

### 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.

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: OFFICE MANAGEMENT AND TECHNOLOGY

BSBTSJ

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

### Additional 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.

### Career Opportunities

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

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: PROJECT MANAGEMENT						BEBTPJ
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein and Welkom	2 years (part-time contact only)	Semester 1	132	7	See below: Additional Admission Requirements.	Selection
<b>Additional Admission Requirements</b> A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications. <ul style="list-style-type: none"> <li>■ 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.)</li> <li>■ Industry experience of at least two years is required.</li> <li>■ Applicants with higher qualifications and more than the minimum two years of working experience will be given first preference.</li> <li>■ Academic performance as reflected in academic record will be used for selection.</li> <li>■ The programme requires computer literacy, particularly in Microsoft Word and Microsoft Excel, and therefore applicants must be competent in such software.</li> <li>■ No credit transfers are allowed. Students must register for and pass all programme subjects/modules.</li> <li>■ RPL applicants must submit their applications no later than June, as this process can take considerable time. No late RPL applications will be accepted.</li> </ul>						
<b>Career Opportunities</b> 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.						

DEPARTMENT OF GOVERNMENT MANAGEMENT	
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<b>Secretary:</b> Ms A M Shaw	Tel.: 051 507 3378   Fax: 051 507 3789   E-mail: ashaw@cut.ac.za
<b>Programme Coordinator:</b> <b>National Diploma Public Management</b> Mr L Munsamy	Tel.: 051 5073346   E-mail: lmunsamy@cut.ac.za
<b>Programme coordinator: Higher Certificate</b> <b>Community Development Work</b> Mrs PA Molomo	Tel.: 051 5073968   E-mail: pmolomo@cut.ac.za

Qualification & Code						
HIGHER CERTIFICATE: COMMUNITY DEVELOPMENT WORK						HCCDWG
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year full-time and 2 years part-time	Semester 1	120	5	National Senior Certificate/ NSC or equivalent qualification. Candidates may be required to write a selection test.	Selection

### Career Opportunities

The aim of the programme is to provide qualified students with the necessary skills to integrate generic community development knowledge and skills, in an effective manner, to promote ethical and professional community development work in practice. The range of subjects in the qualification will allow the learner to gain knowledge relating to community development worker careers in a wide range of sectors such as sustainable community development (administration), rural and urban development, local government Integrated Development Planning (IDP's) and Local Economic Development (LED) initiatives, administration and governance of sustainable development projects, human settlements and community health issues such as HIV/AIDS.

### Qualification & Code

NATIONAL DIPLOMA: PUBLIC MANAGEMENT

BONDPB

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	Senior Certificate / NSC or equivalent qualification	Selection

### 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.

### Remarks

If external processes are finalised, a re-calculated version of current programmes will be offered in 2016

### Qualification & Code

BACCALAUREUS TECHNOLOGIAE: PUBLIC MANAGEMENT

BOBTPA

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

### Additional 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.

### 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.

### Remarks

If external processes are finalised, a re-calculated version of current programmes will be offered in 2016.

# DEPARTMENT OF HOSPITALITY MANAGEMENT (HOTEL SCHOOL)

**Acting Head of Department:**  
**Prof. PG le Roux**

**Secretary: Ms L Posthumus**  
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## Qualification & Code

NATIONAL DIPLOMA: HOSPITALITY MANAGEMENT

BGNDGC

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	Senior Certificate or equivalent qualification.	Selection and interview

### Additional Admission Requirements

#### *For candidates who matriculated in 2007 or before:*

- In addition to the general admission requirements, a minimum mark of 50% 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 25 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 25 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.

### 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.

### Remarks

If external processes are finalised, a re-curriculated version of current programmes will be offered in 2016.

## Qualification & Code

BACCALAUREUS TECHNOLOGIAE: HOSPITALITY MANAGEMENT

BGBTHB

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection

### Additional Admission Requirements

National Diploma: Hospitality Management or equivalent qualification. A minimum average of 60% for final year instructional offerings.

### 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.

# DEPARTMENT OF TOURISM AND EVENT MANAGEMENT

**Head of Department:**  
**Dr R Haarhoff**

**Secretary: Ms M Raad**  
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## Qualification & Code

NATIONAL DIPLOMA: TOURISM MANAGEMENT

BTNDA

Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	3 years	Semester 1	360	6	See below: Additional Admission Requirements.	Selection and interview

### Additional 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.

### 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.

### Remarks

If external processes are finalised a re-circulated version of current programmes will be offered in 2016.

### Additional courses (non-compulsory)

Galileo	First Aid
Adventure Tourism (levels 1 and 2)	SA Host
Cape Wine Academy course	

Qualification & Code						
BACCALAUREUS TECHNOLOGIAE: TOURISM MANAGEMENT						SSBTRI
Campus	Duration of Programme	Enrolment Option(s)	SAQA Credits	NQF Level	Admission Requirements	Selection and/or interview
Bloemfontein	1 year	Semester 1	120	7	See below: Additional Admission Requirements.	Selection
<p><b>Additional Admission Requirements</b></p> <p>A minimum of 55% achieved in all major subjects on third-year level is compulsory for admission to all Baccalaureus Technologiae qualifications.</p> <p><b>For candidates who matriculated in 2007 or before:</b></p> <ul style="list-style-type: none"> <li>■ National Diploma: Tourism Management or equivalent qualification.</li> </ul> <p><b>For candidates who completed the NSC in 2008 and thereafter:</b></p> <ul style="list-style-type: none"> <li>■ National Diploma: Tourism Management, or equivalent qualification, with appropriate instructional offerings.</li> </ul> <p><b>Career Opportunities</b></p> <p>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.</p>						

# Support Services



# 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

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# 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

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

Mrs R Rhode: Tel.: 051 507 3961 | E-mail: rrrhode@cut.ac.za

Mrs A Wheeler: Tel.: 057 9103581 | E-mail: awheeler@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

Ms L Hoare: Tel.: 057 910 3656 (Welkom Campus) | E-mail: lhoare@cut.ac.za

## Student Services

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
<ul style="list-style-type: none"> <li>■ Student Governance/SRC</li> <li>■ Student Development</li> <li>■ Student Information</li> <li>■ Student Union</li> <li>■ Student Organisations</li> <li>■ Variety of Cultural Activities</li> <li>■ Recreational Sport</li> <li>■ Mr/Miss CUT</li> <li>■ Carnival</li> <li>■ Residence Life</li> <li>■ Student Discipline</li> </ul>	<ul style="list-style-type: none"> <li>■ Counselling</li> <li>■ Student Selection Support</li> <li>■ Reading Development</li> <li>■ Chaplaincy</li> <li>■ Social Services</li> <li>■ Student Wellness</li> <li>■ Community Outreach Programmes</li> <li>■ Health Services</li> <li>■ Student Applications</li> <li>■ Student Enrolments</li> <li>■ Operational Sport</li> </ul>

## 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

**Bloemfontein:**

Second Floor, Lapeng Student Centre

Manager: Wellness Centre

Mr G Cronje

Tel.: 051 507 3156

## Welkom:

Student Academic Support Building (Block N ) Second floor. Rooms 102, 103 105, 114 - 116.

Manager: Wellness Centre

Dr H Oberholzer

Tel.: 057 9103569

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 Counseling 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 2015/2016)

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/ 3143

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.

Clients 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.

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

## First Floor

This floor houses the main book collection, the research corner, 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 locating of information resources.

Printed journals, to which CUT subscribes to, are housed here and may be consulted on-site.

Faculty Librarians are present at all times during office hours. An after-hours a librarian, who is also available on Saturdays, has an office on the second floor to attend to information services queries.

Private study cubicles are also available for limited use by postgraduate students 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 materials are 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 a given document. Students can make copies of the library materials at the Xerox Centre downstairs. However they are strongly advised to adhere to copyright law. The library staff can assist when in doubt regarding the application of the copyright law.
- 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 to 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 throughout the library, including the 24-hour study venue.

LIS also supports people with disabilities. The Electronic Resource Access Centre and both training laboratories are accessible by students making use of wheelchairs.

Photocopying services are also offered on this floor.

## 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/library/>

## Operational Sport

### Manager: Operational Sport

Mr D O'Neill

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

Responsible for golf (men and women) 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 (men and women), karate (men and women), netball and table-tennis (men and women)

Mr V Mgbhozi

Tel.: 051 507 3546 | Fax: 051 507 3548

Responsible for volleyball (men and women), soccer (men and women), athletics (men and women) and basketball (men and women)

Mr D George

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

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

### Co-ordinator:

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 2016 only. An increase in tuition fees will be applicable as from 2016.

## 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 2015.	R 215.00
Application fee (non-refundable) applicable to students who follow a first or new academic programme. Late application fee to be received between 1 September 2015 and 30 September 2015.	R 430.00

## 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 2015.	R 215.00
Application fee (non-refundable) applicable to students who follow a first or new academic programme. Late application fee to be received between 1 September 2015 and 30 September 2015.	R 430.00
Residence application deposit. Only refundable if the applicant is not accepted as a student or does not secure accommodation in a residence.	R 630.00

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 B Fillies

Tel.: 051 507 4000 | E-mail: [bfillies@cut.ac.za](mailto: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.**

### **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**

#### **Bloemfontein Campus**

##### **Loans**

Mrs K Wilbraham | **Tel:** 051 507 3982 | **E-mail:** kwilbrah@cut.ac.za

Mr M Klassen | **Tel:** 051 507 3374 | **E-mail:** mklassen@cut.ac.za

##### **Bursaries**

Mrs L Scwebu | **Tel:** 051 507 3375 | **E-mail:** lscwebu@cut.ac.za

##### **Student Accounts**

Mr B Fillies | **Tel:** 051 507 4000 | **E-mail:** bfillies@cut.ac.za

##### **Bank deposits**

Mrs L Roselt | **Tel:** 051 507 37661 | **E-mail:** mlaubs@cut.ac.za

#### **Welkom Campus**

##### **Bursaries and Loans**

Mrs E Taka | **Tel:** 057 910 3663 | **E-mail:** etaka@cut.ac.za

Ms N Leteane | **Tel:** 057 910 3661 | **E-mail:** nleteane@cut.ac.za











Central University of  
Technology, Free State

## GENERAL ENQUIRIES

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

## POSTAL ADDRESS

Central University of Technology, Free State  
Private Bag X20539  
Bloemfontein  
9300  
[www.cut.ac.za](http://www.cut.ac.za)

