



Central University of  
Technology, Free State



THINKING BEYOND



# Quick\* Reference Guide FOR CUT PROGRAMMES 2017/2018

www.cut.ac.za  
Bloemfontein (051) 507 3911  
Welkom (057) 910 3500

Central University of Technology Free State Programmes	Minimum Duration of Qualification				National Senior Certificate or equivalent qualification	Minimum level of achievement 4(50-59%)   3 (40-49%)   5(60-69%)   6(70-79%)   Life Orientation will be given a score of 1 point.													Selection and/or interview	Minimum points	Campuses: Bloemfontein (B)   Welkom (W)	
	1 and/or 2 Years National Higher Certificate   Advanced Diploma Higher Certificate Bachelor of Education (HONS) Advanced Certificate	3 Years National Diploma   Diploma   Bachelors	4 Years BTech   B Ed SP and FET   Bachelor (for all 4 <sup>th</sup> year programmes a relevant 3 year programme (NDip   Dip) or an equivalent qualification with appropriate instructional offerings is a requirement)	National Senior Certificate or equivalent qualification		Mathematics	Mathematic Literacy	Physical Sciences	Life Sciences	English	Life Orientation	Languages	Accounting	Agricultural Sciences	Economics	Business Studies	Information Technology	Consumer Sciences				Hospitality Studies
Agricultural Management		✓	✓	✓	4	4	4	4	4	4	4	4	4					S	27	B		
Biomedical Technology		✓	✓	✓	4		4	4	4	4								S	28	B		
Business Administration			✓	✓					4	4				4	4			S	27	B		
Clinical Technology		✓	✓	✓	4		4	4	4	4								S	30	B		
Community Development Work	✓			✓					4									S	27	B		
Cost and Management Accounting		✓	✓	✓					4	4		4						S	27	B   W		
Design and Studio Art		✓		✓					4	4								S   I	27	B		
Dental Assisting	✓			✓				4	4	4												
Education: Computer Science			✓	✓	4	4			4	4			6					S	27	B		
Education: Economic and Management Sciences			✓	✓	4	4			4	4			6					S	27	B   W		
Education: Languages			✓	✓					4	4	4							S	27	B   W		
Education: Mathematics			✓	✓	4		4		4									S	27	B   W		
Education: Natural Sciences			✓	✓	4		4		4	4								S	27	B   W		
Education: Technology			✓	✓	4	4			4	4								S	27	B		
Engineering: Civil	✓			✓	4	4	4		4	4								S	28	B		
		✓		✓	4	4	4		4	4								S	27	B		
		✓		✓		5	4		4									S	32	B		
Engineering: Construction	✓		✓	✓	4	4	4		4	4	4	4	4	4	4	4		S	27	B		
Engineering: Construction Management			✓	✓	4	4	4		4	4	4	4	4	4	4	4		S	32	B		
Engineering: Computer Systems		✓	See Engineering: Electrical	✓	4	4			4	4								S	27	B		
Engineering: Electrical (Light Current)		✓	✓	✓	4		4		4	4								S	27	B		
Engineering: Electrical (Heavy Current)		✓	✓	✓	4		4		4	4								S	27	B		
Engineering: Mechanical		✓	✓	✓	4		4		4	4								S	27	B		
Engineering: Quantity Surveying			✓	✓	4	4	4		4	4	4	4	4	4	4	4		S	32	B		
Engineering: Renewable Energy Technologies	✓			✓	4		4											S	27	B		
Environmental Health		✓	✓	✓	4	4	4		4	4								S	27	B		
Financial Information Systems		✓	✓	✓					4	4			5					S	27	B		
Hospitality Management		✓	✓	✓					4	4								S	27	B		
Human Resources Management		✓	✓	✓					4	4								S	27	B   W		
Hydrology and Water Resources Management			✓	✓	4		4	4	4										28	B		
Information Technology (Software Development)		✓	✓	✓	3	6			4	4								S	27	B   W		
Information Technology (Web and Application Development)		✓	✓	✓	3	6			4	4								S	27	B   W		
Internal Auditing		✓	✓	✓					4	4			4					S	27	B		
Language Practice		✓	✓	✓					5	4	5							S	27	B   W		
Logistics and Transportation Management	✓	See Civil Engineering or Management Sciences programmes	✓																			
Marketing		✓	✓	✓					4	4								S	27	B   W		
Office Management and Technology		✓	✓	✓					4	4								S	27	B		
Project Management			✓	✓					4	4			4	4				S	27	B   W		
Public Management		✓	✓	✓					4	4								S	27	B		
Radiography in Diagnostics			✓	✓	4		4	4	4	4								S	30	B		
Somatology		✓	✓	✓					4	4								S	27	B		
Tourism Management		✓	✓	✓					4									S   I	28	B		

Central University of Technology, Free State is in the process of re-qualifying some of the offered qualifications. 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 2017/2018.



# Study at CUT FOR CUT PROGRAMMES 2017/2018

## ACADEMIC ADMINISTRATION INFORMATION

Academic Structure & Student Enrolment Services (sometimes called the "Admissions Office") will assist you with application, admission and registration enquiries.

## WHERE IS THIS OFFICE SITUATED?

Bloemfontein campus: Ground floor, Lapeng Student Centre.  
Welkom campus: Administration Building Help Desk.

## DO YOU KNOW WHAT YOU WANT TO STUDY?

It is a good idea to have a career objective in mind and to verify the admission requirements of the various qualifications offered at CUT.

## HOW TO APPLY:

1. Submit your application form and all the necessary documentation, including an application fee, before the following closing dates: 30 April for the Faculty of Engineering and 31 August for the first semester at the Admissions Office.
2. An SMS will be sent to you informing you of the status of your application, after which a letter of confirmation will be sent to you.
3. Current matriculants who qualify based on their Grade 12 mid-term performance are provisionally admitted, pending the submission of their final matric results, and subject to availability of space ("first-come, first-served" basis).
4. Successful applicants will receive an admission letter, as well as a registration guide that reflects the registration dates and orientation programme.

**It is important to note that all (conditionally) accepted prospective students who wrote the National Senior Certificate (NSC) are required to write the National Benchmark Test (NBT) before they are allowed to register for their first year at CUT. Read more about this compulsory test at [www.nbt.ac.za](http://www.nbt.ac.za)**

## NATIONAL BENCHMARK TEST (NBT)

All prospective first-year students at CUT must write the National Benchmark Test (NBT) prior to registration. The results of the NBT guide the selection teams when placing applicants in appropriate academic programmes and/or recommending appropriate support programmes.

Visit <http://www.cut.ac.za/nbt/>

## IN WHICH SCHOOL-LEAVING CATEGORY DO YOU FALL?

- The National Senior Certificate (NSC) has been the new South African school-leaving qualification since 2009.
- The pre-2008 matriculation certificate is the old school-leaving qualification.

**Admission requirements: National Senior Certificate (2008 and thereafter)** (for diplomas, certificates, and foundation or extended curriculum programmes):

- Minimum of level 4 in English Language.
- Minimum of level 4 in Life Orientation.
- Programme-specific requirements.

## DESIGNATED SUBJECTS:

- Applicants who wish to enrol for a diploma or certificate programme should ensure that four of their seven subjects are from the designated list:

• Accounting	• Languages
• Agricultural Sciences	• Life Sciences
• Business Studies	• Mathematics or Mathematical Literacy
• Dramatic Arts	• Music
• Economics	• Physical Sciences
• Engineering Graphics and Design	• Religion Studies
• Geography	• Visual Arts
• History	• Consumer Studies
• Information Technology	

## HOW TO CALCULATE YOUR MINIMUM ADMISSION POINT SCORE (APS).

(Remember that Life Orientation is given only 1 point on CUT's scoring scale.)

NSC	NSC%	APS	APS%
7	80-89	7	80-89
6	70-79	6	70-79
5	60-69	5	60-69
4	50-59	4	50-59
3	40-49	3	40-49
2	30-39	2	30-39
1	0-29	0	0-29

## GENERAL ADMISSION REGULATIONS FOR CANDIDATES WHO COMPLETED THE N QUALIFICATION AT AN TVET COLLEGE:

For candidates in possession of an N3, N4, N5 and N6 qualification, CUT awards academic weights for achievement according to the following scoring scale:

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

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.

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 as sufficient, although any sufficient proof of proficiency in the English language will also be taken into consideration.

## ADMISSION REQUIREMENTS: SENIOR CERTIFICATE (PRE-2008)

(for diplomas, certificates and foundation or extended curriculum programmes):

- A candidate is expected to possess a minimum level of proficiency in English Language, 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 as sufficient, although any proof of proficiency in the English Language will also be taken into consideration.
- A Matriculation Exemption or Further Education and Training Certificate.
- A standard qualification to study for a degree is a matriculation endorsement or equivalent.
- Life Orientation forms part of the final score, with a maximum value of one.

## HOW TO CALCULATE YOUR POINTS WITH THE PRE-2008 SWEDISH RATING SCALE:

Symbol achieved in Grade 12 subjects	Grade of Grade 12 subjects	
	HG	SG
A	8	6
B	7	5
C	6	4
D	5	3
E	4	2
F	3	1

## INTERNATIONAL APPLICATION WITH FOREIGN SCHOOL-LEAVING FOR ADMISSION INTO A DIPLOMA OR CERTIFICATE:

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 should complete and submit the application form for international students, and should also meet any and all requirements that may be set for higher education studies in South Africa.

For more information regarding the evaluation of qualifications, please visit the SAQA website at [www.saqa.org.za](http://www.saqa.org.za).

**PS:** The CUT International Students Application Form outlines all the requirements by the university and the South African Government. Please ensure that you meet all your submission dates, as no foreign student will be registered by the university without all the valid, relevant documents (e.g. a study permit and/or sponsor's undertaking, where applicable).

## ENQUIRIES

Bloemfontein campus:  
+27 (0)51507 3715  
3784 / 3013 / 3725 / 3021 / 3062 / 3726 / 3744

Welkom campus: +27 (0)57 910 3509

[apply@cut.ac.za](mailto:apply@cut.ac.za)

## APPLICATION DATES AND FEES

APPLICATION DATES	
2 <sup>ND</sup> SEMESTER INTAKE 2017	End of June (only the following programmes in Engineering: Civil, Electrical - light and heavy current, Mechanical)
JANUARY INTAKE 2018	End of August (all undergraduate programmes)
INTERNATIONAL STUDENTS	
2 <sup>ND</sup> SEMESTER INTAKE 2017	End of May (only the following programmes in Engineering: Civil, Electrical - light and heavy current, Mechanical)
JANUARY INTAKE 2018	End of August (all undergraduate programmes)
BANKING DETAILS	
Check the Application Guide or CUT website, <a href="http://www.cut.ac.za">www.cut.ac.za</a>	
Name:	CUT
Bank:	Standard Bank
Branch:	Brandwag
Branch code:	055534
Account no.:	240454405
Reference no.:	Student number or ID number

## APPLICATION FEES

On or before 31 May 2017	R230.00
On or before 30 June 2017* (Late application)	R230.00

No applications for the 2nd semester intake will be accepted after 30 June 2017.

## 2018

On or before 31 August 2017	R230.00
On or before 30 September 2017*(Late application)	R230.00

Amounts payable are subject to change.

## OUR VISION

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.

## OUR CORE VALUES:

Customer service | Integrity | Diversity | Innovation | Excellence

## THE SHORT VERSION OF THE STORY

The Central University of Technology, Free State (CUT) is the foremost higher education institution in the heartland of South Africa, dedicated to quality education and training in Science, Engineering, and Technology.

Over the past 36 years, CUT has developed into a leading institution able to take its place in the national as well as international higher education landscape. This year the university boasts more than 16 500 students who have decided to make CUT their academic partner in earning a qualification and gaining appropriate experiential training. CUT offers more than 50 programmes at its institution's two campuses.

## LOCATION AND CAMPUSES

### BLOEMFONTEIN CAMPUS

CUT's Bloemfontein Campus is the main campus of the institution and located in the centre of the city, just a heartbeat away from the historic Town Hall, Court of Appeal, and the South African Literary Museum. The Campus has four faculties, namely: Engineering and Information Technology, Health and Environmental Sciences, Humanities and Management Sciences.

More information, <http://www.cut.ac.za/innovation-in-governance/>

### WELKOM CAMPUS

CUT's Welkom Campus is situated 160 km northeast of Bloemfontein, and is in the hub of the Free State gold fields with several gold mines operational in this part of South Africa.

More information, <http://www.cut.ac.za/welkom-campus-2/>

## ACCOMODATION (RESIDENCES)

Residences offer students a safe, functionally convenient, on and off campus study and living environment. Currently, there is three residences for ladies as well as four for men (on campus and off campus in Bloemfontein), housing (858) both male and female students. Details will be available on website.

Welkom campus will soon have its campus residence completed and will be in a position to accommodate 252 students.

Demand always exceeds availability, so it is advisable to apply as soon as possible.

More information, <http://www.cut.ac.za/campus-accomodation/>

## STUDENT LIFE AND FACILITIES

CUT has a stimulating and vibrant student life that encourages students to experience and lead a balanced student life in all its facets. A wide variety of sports is on offer ranging from athletics, rugby, soccer, cricket, hockey, netball, and dance. Those interested in arts and culture can join the Choir and several other student organisations and societies. In addition, students have an access to the library with private cubicles, state-of-the-art laboratories, computer centres, Wi-Fi connection across campus, wellness and counselling centres and a dedicated campus radio station.

Sport, <http://www.cut.ac.za/student-life-sports/>

Campus Life, <http://www.cut.ac.za/campus-life/>

Wellness Centre, <http://www.cut.ac.za/student-life-wellness/>

Library and Information Services, <http://www.cut.ac.za/library/>

CUT FM, <http://www.cutfm.co.za/Pages/Splash.aspx>

## GRADUATE ATTRIBUTES AND STUDENT PEER MENTORSHIP

**Graduate Attributes are skills, qualities and competencies that students at CUT should develop during the course of their studies.**

- Sustainable development
- Numeracy
- Community engagement
- Communication
- Entrepreneurship
- Technical and conceptual competence
- Innovation and problem solving
- Team work
- Technological literacy
- Citizenship and Global Leadership

More information: <http://www.cut.ac.za/graduate-attributes/>

In order to ensure that our students are receiving the best support, the Student Mentorship Programme was introduced in 2013. The aim of the programme is to provide CUT students with a supportive environment that will motivate and assist them to develop to their maximum personal and academic potential. Mentoring has been found to increase students' academic success, social skills, self-efficacy, and the ability to refine their professional dispositions. Our CUT mentorship programme provides a framework for positive interaction between students, mentors and lecturing staff.

More information: <http://www.cut.ac.za/student-peer-mentorship-programme/>

Academic Assistance: Supplemental Instruction (SI) is an academic assistance programme that aims to improve student performance. SI does not identify high-risk students, but rather identifies high-risk subjects. SI sessions (classes) begin the first week of the term on both the Bloemfontein and Welkom campuses. The sessions are open to all students in specific subjects who obtain 50% and below in any of their tests. During these sessions we aim to integrate "how-to-learn" with "what-to-learn". Through these sessions the students discover correct study strategies!

More information: <http://www.cut.ac.za/centre-for-teaching-and-learning/>

## FACULTIES AND DEPARTMENTS

### FACULTY OF ENGINEERING AND INFORMATION TECHNOLOGY

- Department of Built Environment
- Department of Civil Engineering
- Department of Electrical, Electronic and Computer Engineering
- Department of Information Technology
- Department of Mathematics and Physical Sciences
- Department of Mechanical and Mechatronic Engineering

### FACULTY OF HEALTH AND ENVIRONMENTAL SCIENCES

- Department of Agriculture
- Department of Clinical Sciences
- Department of Health Sciences
- Department of Life Sciences

### FACULTY OF MANAGEMENT SCIENCES

- Department of Business Management
- Department of Business Support Studies
- Department of Accounting and Auditing
- Department of Government Management
- Department of Hospitality Management
- Department of Tourism and Event Management

## FACULTY OF HUMANITIES

- Department of Communication Sciences
- Department of Design and Studio Art
- Department of Educational and Professional Studies
- Department of Language and Social Sciences Education
- Department of Mathematics, Science and Technology Education
- Department of Postgraduate Studies in Education

Visit [www.cut.ac.za](http://www.cut.ac.za) for more information

## GLOBAL PARTNERSHIPS

Partnerships with various universities have offered CUT many opportunities in areas of collaborative research, academic exchange programmes for CUT and international students. Each year, the university sends students to and accepts students from international destinations such as Belgium, Germany, France, Rwanda and many more - through partnership agreements with universities the world over. CUT has an active collaboration agreement with Aalen University of Applied Science, regularly exchanging students, as well as various teaching, learning, and research projects. This provides many opportunities - for students from these countries to study at CUT; for staff members from the institutions to engage in research and teaching, and for the mutual recognition of qualifications awarded by the institutions.

International Office, <http://www.cut.ac.za/international-office/>

## RESEARCH EXCELLENCE

The university has seen a 66% increase in Masters' Degrees awarded, an 80% increase in doctoral degrees awarded and an 80% increase in staff holding NRF ratings. In addition, the research outputs - only articles published in scientific journals and comparing 2011 to 2014 - saw an 82% increase. The proportion of permanently appointed academic staff holding doctorates increased to 32%, relatively high in the university technology sector. Approximately 50% of the research outputs were published in international scientific journals.

More information, <http://www.cut.ac.za/research-and-development/>

## ACADEMIC STAFF

CUT has the highest percentage of academic staff holding doctorate degrees of all six Universities of Technology (UoTs). Five professors attained the National Research Foundation (NRF) ratings from 2015 to 2020.

## OUR FAMOUS ALUMNI

CUT has a proud history of honouring prominent leaders and world-renowned individuals by conferring on them various Doctor Technologiae (DTech) degrees, honoris causa. Among the recipients of such honorary CUT doctorates are the late Dr Nelson Rolihlahla Mandela, Dr Desmond Tutu, Dr Trevor Manuel, Dr Kadar Asmal, Dr Sankie Mthembi-Mahanyele, Dr Khotso Mokhele, Dr Boet Troskie, Dr T Wöhler, Dr Petrus Ramatlai Molemela, Dr Pravin Gordhan, Dr Herman Mashaba and Dr Gill Marcus.

CUT has a wonderful rich sporting history as it should, situated in the heartland of South Africa, the Free State province. We continue to do so with more and more sporting legends starting great professional careers at our state-of-the-art facilities.

## THE LEGENDS

- Zola Budd Pieterse world famous track and field champion, known as a barefoot runner.
- Os du Randt most-capped forward in the history of the South African rugby, Free State Cheetahs was his home for many years. He was in three World Cup tournaments 1995 (South Africa won), 1999, and 2007 (South Africa won).
- André Venter Springbok rugby player who was part of the 1999 Rugby World Cup squad for South Africa.
- Other Springbok rugby players: Daan Human, Gerrie Britz, Helgard Müller, Pieter Müller, Philip Smit, AJ Venter, Ashley Johnston.
- Nicky Boje played in 43 tests and 115 one-day internationals for South Africa.
- Other Protea cricketers: Johan van der Wath, Dillon du Preez

## LEGENDS IN THE MAKING

- Trevor Nyakane current rugby Springbok player, FNB CUT Ixias Varsity Shield tournament star!
- Seabelo Senatla currently playing in the Springbok sevens rugby also appointed as the best 7-a-side player in the 7's World Tournament of 2014.
- Dean Elgar current South African cricket test player.
- Rilee Rossouw current South African cricket test player. Will join the team for the 2015 Cricket World Cup (50 over) tournament in February/March 2015.

More information, <http://www.cut.ac.za/student-life-sports/>

## DID YOU KNOW

*CUT was awarded a brand new award, which is awarded to institutions that show significant growth in research performance - the National Research Foundation (NRF) Excelleration Award 2015. The NRF Excelleration Award acknowledges South African research institutions for achieving the most improved research performance over recent years.*

*In 2016, ±48% of students were enrolled in priority Science, Technology, Engineering and Mathematics (STEM) fields.*

*CUT has 24-hour study venues.*

*CUT has a Careers Office that will equip you with the necessary competencies to successfully compete in the highly competitive labour market, namely job-hunting skills, mock interviews, etc.*

*The institution's Gospel Choir is a multiple-award-winning team.*

## CONTACTS

### GENERAL ENQUIRIES

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

### POSTAL ADDRESS

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

### BLOEMONTEIN CAMPUS

1 Park Road, Westdene, Bloemfontein  
GPS Coordinates 29°07'16.78" S 26°12'45.95" E

### WELKOM CAMPUS

1 Mothusi Road, Welkom  
GPS Coordinates 27°56'56.94" S 26°46'55.93" E

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

