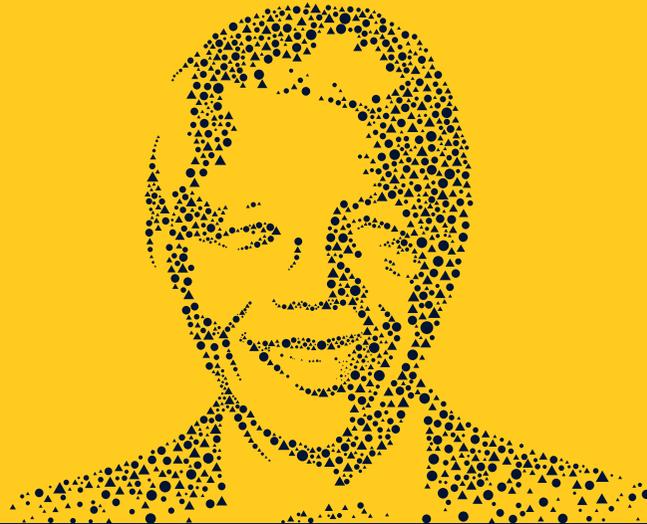


NELSON MANDELA

UNIVERSITY



Undergraduate Programmes

General Information & Admission Requirements

2019

100 YEARS OF MANDELA

Welcome

Your decision to consider a university education and indeed, enrolling at Nelson Mandela University, may well be one of the most significant decisions of your career.

As you will see from this guide, Nelson Mandela University offers you an ideal environment and facilities, excellent learning opportunities, a wide spectrum of beyond-the-classroom activities and a solid values-driven base on which and in which to pursue your future dreams.

We take particular pride in bearing the iconic name of Nelson Mandela, the late legendary statesman who transformed this country through his unwavering commitment for a more just and equal society. It is a quest that our new generation university is determined to continue.

While we have the widest range of academic and professional programmes – from diploma-level through to doctorates – in the Eastern Cape, and offer all the modern facilities for a conducive learning environment, we also have a deep moral responsibility to live the legacy of Nelson Mandela.

Nelson Mandela recognised the importance of education as a force for good, and so we commit to being a destination of choice for those who are:

- Prospective pioneering change agents for a better world;
- Committed to creating jobs in an entrepreneurial economy;
- Inspired by a deep need to serve and give back.

We wish to honour Nelson Mandela – especially in the centenary year of his birth - by leading our university into a new era of transformation, innovation, development and change.

We invite you to be part of this exciting journey as a future Mandela student in growing your knowledge and understanding, and in seeking solutions with the potential to radically improve the quality of human conditions and contribute towards a more sustainable planet.

We hope to welcome you as part of the Nelson Mandela University family.

Prof Sibongile Muthwa
Vice-Chancellor



About Nelson Mandela University

Nelson Mandela University is the only university in the world that carries the name of Nelson Rolihlahla Mandela. The University embraces Nelson Mandela's challenge to be "caring, responsible and innovative", and recognises the importance of continuously growing and adapting in the pursuit of knowledge and lifelong learning. We are committed to providing a welcoming and inspiring environment that is supportive, innovative, diverse and safe. Our students need to feel they are in a place of learning and discovery, founded on strong, egalitarian values that encourage them to express themselves, stretch themselves, and seek new solutions for a better world.

The University embraces Nelson Mandela's challenge to be "caring, responsible and innovative", and recognises the importance of continuously growing and adapting in the pursuit of knowledge, emancipation and lifelong learning.

The university boasts more than a century of experience in quality higher education, research and technological innovation. We unite the best traditions of both the academic and technological worlds – from entrance level (certificate) through to research level (PhD).

- We are the largest higher education institution in the Eastern and Southern Cape;
- Over 27 000 students are enrolled on seven different campuses – six in Nelson Mandela Bay (Port Elizabeth), and one in George;
- Programmes are housed within seven faculties (Arts; Business & Economic Sciences; Education; Engineering, the Built Environment & Information Technology; Health Sciences; Law and Science), and in some cases, programmes are duplicated on more than one campus;
- The university's George Campus is situated at the foot of the Outeniqua Mountains in the picturesque coastal town of George.

With their spectacular natural surroundings – from beaches to mountains to game reserves – Nelson Mandela Bay and George are ideal places to spend your student years, offering all the advantages of city living in a friendly and safe environment.

Student services

A wide range of student services and support facilities are offered on university campuses to assist you in every aspect of student life – from what to study, to finding suitable employment after graduation. The university offers a variety of social and cultural activities, which means you can have fun while you study. There is an extensive range of sport codes, associations, societies, clubs and facilities, allowing you to make new friends, interact with your fellow students and explore subjects of mutual interest.

• **Library and Information Services**

Nelson Mandela University has a network of well-stocked libraries, computer laboratories, and student learning centres which enable students to obtain quality information resources and services required to excel in their various academic courses. These centres are located on all campuses, and also offer students with a quiet space for studying.

• **Campus Health Service**

Students have access to a comprehensive primary health care service on every campus, and qualified medical personnel to assist with any health matters which may arise. All services are rendered by registered health care professionals eg. professional nurses, medical doctors and registered counsellors.

• **Student Counselling, Career & Development Centre (SCCDC)**

The Student Counselling, Career & Development Centre (SCCDC) helps students with career choices, job-seeking skills, and any social, personal or academic problems they may have. The centre offers advice in areas such as time management, study methods, personal, social and emotional wellness, as well as career planning and employment assistance.

• **Student Development & Governance (SDG)**

This department contributes towards the holistic development of students. The core functions of this department are the training and development of student leadership, the coordination of student life & events, and supporting student governance structures such as the Student Representative Council (SRC), the Student Housing Council; faculty representatives, the Sports Council, Oppidani and Rag. They also provide students with advice on the various student societies that you could join.

• **Arts, Culture & Heritage Unit**

The Department of Arts and Culture focuses on the holistic development of students by creating opportunities for their participation in the arts. Arts and Culture provides an environment in which students are able to exercise and develop their need for cultural and artistic expression. You are provided with the opportunity to express your talents by joining a wide range of interactive, cultural and active societies. These societies are diverse and vary from performing arts, dancing, music, drama and choirs.

• **Student Representative Council (SRC)**

The SRC is elected annually in a democratic election to represent the interest of students. The SRC is the only body which the university officially recognises as speaking on behalf of the students.

• **Oppidani (day students)**

Students who do not live in a campus residence are known as Oppidani students. All non-residential Nelson Mandela University students are automatically members of the Oppidani House and are known as Oppies. Although Oppies live off campus, participation in non-academic life is encouraged. The Oppidani House Committee is the body of elected student leaders who are your link with the university and campus life.

• **Societies**

Students can become a member of numerous student-run societies enabling them to have fun with like minded students while gaining valuable leadership, communication and social skills. There are presently 76 societies active on our various campuses, and these societies are categorised as either academic, religious, developmental, social responsibility or political.

Madibaz Sport

Madibaz sport offers a wide variety of competitive and recreational sport programmes for students and staff, as well as the wider university community. These programmes provide students with the opportunity to participate in various sport and recreational activities ranging from informal social games, to highly competitive leagues where skills are tested against the best in the province and country. In addition, through the various high performance programmes coordinated by the Madibaz High Performance Complex, the university plays a major role in the process of developing elite and potentially elite players.

Madibaz sport also provides club members with excellent sport facilities, scientific based coaching programmes, which includes organisational and administrative support. Well-equipped health and

fitness centres offer professional gym facilities at student prices, and provide assistance with sport performance testing, sport specific training and injury rehabilitation.

The following clubs are offered on the various university campuses:

Athletics* • Athlons (Tri; Bi; Du- and Biathlete) • Basketball • Chess • Cricket* • Cycling • Golf • Hockey* • Judo • Karate • Netball* • Rugby* • Rowing • Soccer* • Squash* • Surfing • Swimming • Table Tennis • Tennis* • Underwater hockey • Volleyball • Water polo

*** Sports also offered on the George Campus.**

Madibaz

All teams have nicknames, or names by which they are popularly known. Nelson Mandela University has one too. Those who work, study and play sport at Nelson Mandela University proudly refer to themselves as Madibaz. In addition to our name, the university also boasts a mascot, named Diba.



Admission to Nelson Mandela University

Overview

- Applications for early admission should be submitted before the **August** closing date. Late applications will however be considered after this date, based on academic merit, until the **September** closing date. Places are limited and it is therefore in your best interest to submit your application early.
- Prospective students must meet the statutory minimum requirements based on the **National Senior Certificate (NSC)**, or equivalent school-leaving certificate for admission to a higher certificate, diploma or degree qualification, in order to be considered.
- Admission to an undergraduate programme will be further determined by an applicant's **Admission Point Score (APS)**. The APS system is used for allocating point values to your seven NSC subjects.
- Applicants whose **Admission Point Score (APS)** falls below the APS required for direct entry to a specific qualification, may be referred to write an access assessment test, provided that their APS falls within the indicated testing band. Provisional admission will then be based on both an applicant's school and access assessment test performance.
- Submission of a completed application form does not mean that you have been accepted as a student, or that you may register. All prospective students are selected in accordance with the admissions policy of the university, and applicants will be notified of the outcome by the admissions office.
- Provisional admission is based on levels/symbols obtained in your Grade 11 final, or Grade 12 June/September examinations. However, the final decision is based on your final Grade 12 exam results.
- Once you've submitted your form you may be required to write an access assessment test, submit a portfolio of evidence, or attend an interview. Your admission decision will then only be made once one, or all of these additional requirements have been completed.
- In addition to the general university admission requirements, each programme also has its own specific requirements.
- Applicants with international or foreign qualifications must satisfy the requirements laid down by the Matriculation Board to qualify for a certificate of exemption for a particular international or foreign school leaving qualification.
- In the case of applications by candidates who have studied at other higher education institutions accredited by the South African Qualifications Authority (SAQA), the results obtained at such institutions will be considered, together with their academic record and certificate of conduct.
- There are limits to the number of students that can be admitted to each programme.
- **If a programme is full, you may be denied admission even though you meet the minimum requirements.**
- Prospective students who **matriculated prior to 2008** must please contact the university's Admission Office to determine their admission requirements.
- For more information on the application process please contact **041 504 1111**, or visit our website (mandela.ac.za/application) before applying.
- **Please note that admission requirements are subject to change.** Information in this programme guide was correct as at **April 2018**.



How do you apply?

- Applicants can apply online by logging on to: mandela.ac.za/application;
- **Please note** that applications **only open** at the beginning of April for the next year's undergraduate intake.
- **No application fee** is required for South African citizens, but there is an application fee for International Students.
- Manual application forms for study at Nelson Mandela University can be obtained by calling (041) 504 1111, or by e-mail: info@mandela.ac.za, or collected from the University's admissions office.
- Before completing the application form, please take note of the minimum admission requirements for the programme of your choice.
- **Remember to include your cell number on your form**, as we will be sending you your application status and other important information via this number (Please do not include +27 or any spacing when you enter your cell number);
- Applications for early admissions should be submitted by **2 August 2018**.
- Late applications will still be considered up to **30 September 2018**, but as space is limited we advise applicants to submit/complete their application form before the August closing date.
- Hand in your **manual application form** and **supporting documentation**, (see the first page of the application form for a checklist), to the Admissions Office on South, 2nd Ave, Missionvale or George campuses, or post your completed form and supporting documentation to the following address:

The Admissions Office
PO Box 77000
Nelson Mandela University
Port Elizabeth
6031
South Africa

Online applications

- To apply online, you will need a valid **personal email address** and your **own cell number**;
- Online application(s) are **divided into two parts** (please ensure you complete both sections);
- Gr 12 learner(s) or gap year applicants need to complete the "**Undergraduate**" section;
- **Part 1** (basic background information) – complete all sections indicated and click apply at the bottom of the page. This does not mean that your application is complete, or that you will be considered for admission yet.
- You will be sent an e-mail with a link to **part 2**, as well as your **student number and pin**;
- Click on the link and type in your student number and pin to proceed to **part 2**;
- Ensure that all sections are "green" and that there are no sections highlighted in "red" or "yellow";
- Include **all supporting documentation** with your online application in part 2 as a PDF or JPEG formatted attachment;
- At the bottom of the page you will need to click **final submit** to send us your application.
- No changes can be made after you have submitted your application form.
- Should you require support in completing your online application, you may contact our Contact Centre on **041-504 1111** for assistance, or e-mail: onlineappdocs@mandela.ac.za

Important documentation

In order for the university to finalise your application you are requested to submit the following supporting documentation with your application:

- A certified copy of your **identity document or birth certificate** (ID document compulsory for SA Citizens – your application cannot be processed without a certified copy of your ID or birth certificate);
- A certified copy of **your latest school results** (grade 11 final, or grade 12 June/September results, or final school leaving results if you have already completed Gr 12 (e.g. if you are currently at school and apply in August submit your June results). **No grade 12 March results**;
- **Declaration** by your parent / legal guardian / surety form (downloaded from the university website if you apply online);
- A certified **copy** of your **parent / legal guardian / surety's identity document**;
- Completed disability assessments form (if applicable);
- **Copy** of your current residential / home or postal address.
- **NB:** Please note that your **student number/identity number** must clearly be indicated on all documentation submitted. Your application form cannot be processed if you do not include all supporting documentation with your application.

Language of Teaching and Learning

While Nelson Mandela University is committed to multilingualism, the predominant language of teaching and learning at the University is English. The statutory language requirements can be met by obtaining a minimum rating of 3 (40 - 49%) or higher in English, Afrikaans or isiXhosa as a home or first additional language. Some qualifications may require a higher pass mark for language(s) than what is indicated here. Please refer to the subject requirements of the qualification, before completing your application form to ensure that you meet the admission & subject requirements.

Additional requirements

Over and above the minimum APS requirement, additional subject requirements have been set. These include:

1. **Mathematics:** This is required for certain programmes. Only performance in the core Mathematics topics (papers 1 and 2) will be used when making admission decisions.
2. **Mathematical Literacy:** In view of the importance of quantitative literacy for success at higher education studies, a minimum of a 3 (40-49%) or higher for Mathematical Literacy is preferred for likely success at Higher Certificate, or 6 (70-79%) for Diploma programmes. A level 4 (50-59%) or higher for likely admission to degree programmes where Mathematics is not a requirement, unless otherwise indicated.

Admission Requirements

National Senior Certificate (NSC)

- The table below explains what you need to achieve to meet the minimum entry requirements for each type of qualification;
- It is important to note that the table refers to minimum statutory entry requirements set by the Department of Higher Education & Training;
- The University may add additional requirements for specific programmes.

Qualification	Minimum statutory entry requirement
Higher Certificate	Pass NSC, with a minimum of 30% in the language of learning and teaching of the higher education institution, together with any other university requirements.
Diploma	Pass NSC with a minimum of 30% in the language of learning and teaching of the higher education institution, coupled with an achievement rating of 3 (40–49%) or better in four recognised NSC 20-credit subjects (this excludes LO which is 10-credits), together with any other university requirements.
Bachelor's Degree	Pass NSC with a minimum of 30% in the language of learning and teaching of the higher education institution, coupled with an achievement rating of 4 (50–59%) or better in four NSC 20-credit subjects from the designated list, together with any other university requirements.

Please note that the achievement of the minimum NSC admission requirements does not necessarily guarantee admission to any programme or field of study at Nelson Mandela University.

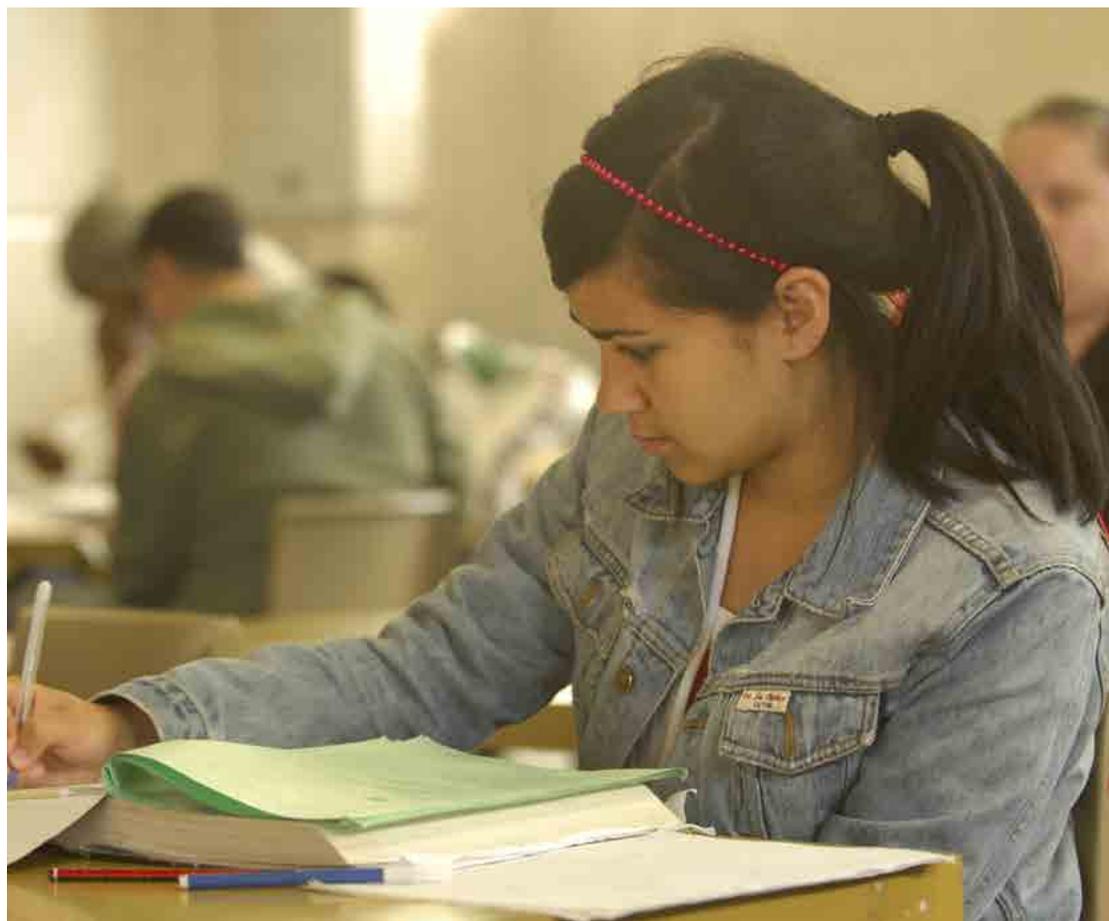
Extended Curriculum Programmes

The transition from school to university is challenging for most young people. It is, however, even more dramatic for learners who for various reasons, find that they do not meet the minimum admission requirements for the programme of their choice. Nelson Mandela University offers a wide range of extended curriculum programmes that provide such students with the opportunity to enroll for an extended programme in order to obtain the same mainstream qualification at the end of their study career (e.g. a BCom degree). In practice, it implies that a student will complete a three-year degree or diploma programme in four years. These programmes provide an environment in which academic support and skills development are integrated with regular academic work. Additional support courses and activities in the first two years of the extended programme assist students to adapt to the university's learning environment in order to follow the mainstream courses during the last two years of study.

Designated school subjects

- If you intend to enrol for a degree programme you need to ensure that **four of your seven subjects** are from the designated list and that you obtain at least a **level 4 (50-59%)** or higher in each of them.
- You will notice that the list already includes three of the four compulsory subjects required for obtaining the NSC, namely two official languages, and Mathematics or Mathematical Literacy.
- All seven subjects irrespective of whether they are from the designated list are used to calculate your APS, unless otherwise indicated.
- A learner must have selected at least four subjects from the list below, in order to apply for a degree programme.

Accounting	Language(s)
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 Admission Point Score (APS)

- The APS system allocates point values to seven NSC subjects.
- Write down your relevant grade 12 subjects and the percentage (%) you have obtained in each subject.
- Allocate points according to the table below.
- Include Life Orientation (LO) when you calculate your APS (unless otherwise indicated).
- Add up the number of points you have scored for all seven subjects. If you have eight or more subjects, use Life Orientation + your six best other subjects to calculate your APS (unless otherwise indicated).
- Compare your APS against the minimum APS required for the qualification you wish to apply for.
- If your APS is lower than the direct admission requirement set for a specific qualification, refer to the testing band range to determine if your score falls within the range to be referred for an access assessment test, and that you meet the subject requirements for the qualification(s) you wish to apply for.

Admission Point Score (APS)

NSC Levels	NSC %	APS Levels	APS %
7	90 – 100%	8	90 – 100 %
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 %

APS Testing Band

In order to apply for an undergraduate qualification, your Admission Point Score (APS) must either meet the direct entry requirement or fall within the testing band indicated. If your APS score falls within the testing band you may be referred to write the Access Assessment Test before a decision is made whether to admit you to that qualification. However, if your APS falls below the testing band you will need to consider applying for an alternative qualification.

Example 1

To enrol for a diploma in analytical chemistry you will need an Admission Point Score (APS) of at least 34, as well as a pass in certain subjects in order to be considered.

NSC Subject	NSC %	NSC Level	APS points allocated
English	65 %	5	5
Xhosa	60 %	5	5
Mathematics	70 %	6	6
Physical Science	55 %	4	4
History	80 %	7	7
Life Orientation	74 %	6	6
Accounting	71 %	6	6
Admission Point Score			39

The applicant has met the minimum requirements for admission to the Diploma (Analytical Chemistry).

Example 2

To enrol for BCom (Accounting) you need an Admission Point Score (APS) of at least 38, as well as **four subjects** from the **designated list** and a pass in Language(s) and Mathematics on at least level 5 (**60-69%**).

NSC Subject	NSC %	NSC Level	APS points Allocated
English	70 %	6	6
Afrikaans	80 %	7	7
Mathematics	69 %	5	5
Accounting	65 %	5	5
Life Orientation	60 %	5	5
Physical Science	74 %	6	6
Life Sciences	81 %	7	7
Admission Point Score			41

This applicant has met the minimum admission requirements for admission to the BCom (Accounting) degree.

Access Assessment Testing

If you are informed by the admissions office that you are required to write the Access Assessment Test, it means the university wishes to give you an additional opportunity to be considered for your chosen programme, by assessing your academic proficiencies for the qualification you have applied for. We want you to succeed, therefore your test results and additional information provided by yourself at testing, are used to place you where you are likely to have the best chance of being successful, and achieving your career goals. You are responsible for contacting the **Centre for Access Assessment and Research (CAAR)** to book your test date, once you have received a sms advising you to do so.

The highly trained CAAR Consultants understand the requirements of the university programme you wish to be considered for, as well as the range of options available to you, in order to help you achieve your career goals. If necessary, they may place you in an extended programme or alternative programme that suits both your current academic proficiencies and career aspirations. If, after testing you have questions or concerns about the process, you can contact the CAAR office in resolving these and planning a way forward.

You can write the Access Assessment Test in Port Elizabeth or George on the university campuses located in these cities. You may also be tested in Cape Town, East London, Umtata, Durban, Bloemfontein, Johannesburg or Polokwane if one of these venues suit you better. The cost for testing depends on where you are tested. Testing done on the university campuses (Port Elizabeth and George) are FREE. However, tests written at centres outside of PE and George are conducted by a private psychologist who will charge a fee.

To make a booking please call **041 504 2918**, or you can also book online (caar.mandela.ac.za) only after you have been informed by the admissions office that you are required to write this test.

International/Foreign Qualifications

- South African applicants with international school-leaving qualifications will be adjudged according to the School Performance Score (SPS).
- The applicant will have to comply with the minimum SPS set for the programme applied for as well as any other additional subject requirements.

- An applicant is required to obtain a minimum of 40% for English, Afrikaans or isiXhosa at home or first additional/ second language level.
- Applicants may also be required to write the Access Assessment Test before a final decision is made.
- To calculate your SPS use the symbols/achievement rating/percentages obtained in your school-leaving examinations in order to convert them to an equivalent achievement standard on the National Senior Certificate (NSC).

Admission Point Score (APS) equivalency conversion table for International/Foreign qualifications

Admissions Point	NSC Ach Level	Sen Cert HG	Sen Cert SG	HIGCSE NSSC	IGCSE O-level	AS-level	A-level	IB HL	IB SL	KCSE
12							A			
11							B			
10										
9							C			
8	7 (90-100%)	A		1		A		7		A+,A
7	7 (80-89%)	B		2		B		6		A-
6	6	C	A	3	A	C		5	7	B+
5	5	D	B		B	D		4	6	B, B-
4	4	E	C		C	E			5	C+
3	3	F	D						4	
2	2		E							
1 or 0	1		F							

Key:

NSC	National Senior Certificate
Sen Cert HG	Senior Certificate Higher Grade
Sen Cert SG	Senior Certificate Standard Grade
HIGCSE	Higher International Graduate Certificate of Secondary Education
IGCSE	International Graduate Certificate of Secondary Education
O-level	Ordinary level
AS	Advanced Subsidiary
A-Level	Advanced level. An A-level represents a year's extra study beyond AS level and is regarded as worth double the points awarded to an equivalent AS grade (i.e., 10-16 points on an 8-point scale) in many instances.
NSSC	Namibian Senior Secondary Certificate
IB HL	International Baccalaureate Schools (Higher Levels)
IB SL	International Baccalaureate Schools (Standard Levels)
KCSE	Kenyan Certificate of Secondary Education



Financial facts

- Before registering as a student, you need to determine whether or not you will have sufficient funds to finance your studies. Costs involved in higher education include enrolment fees, registration and tuition fees, books, transport, meals, accommodation, sports equipment and general living expenses.
- Nelson Mandela University offers financial assistance to full-time students in the form of bursaries, merit awards, scholarships and study loans for top academic achievers.
- A number of sport grants are also available for top sports performers and those who show outstanding potential.
- The university also provides financial assistance in collaboration with the **National Student Financial Aid Scheme (NSFAS)** and Fundi for financially-needy students. These funds are awarded to students in the form of a loan.
- Admission to the university does not imply that you will receive a loan, scholarship or bursary.
- Applications for NSFAS loans must be made directly on the NSFAS website, or an application form can be obtained from the NYDA offices, and sent directly to the NSFAS office in Cape Town. The closing date for NSFAS funding is advertised on their website. Further information can be obtained from the NSFAS website – www.nsfas.org.za – or by calling 086 006 7327.
- Alternatively, Fundi is a private finance company that exclusively focuses on educational finance, assisting people who are not able to pay for their own, or the studies of their dependants, and who do not qualify for the traditional financing through the formal banking sector or government aid schemes. Fundi loans are available for study fees and books, and provide simple repayment options at an affordable interest rate to loan applicants.

For more information on financial assistance, contact the **Financial Aid Office** on (041) 504 3182/1111, website: finaid.mandela.ac.za or e-mail: financialaid@mandela.ac.za.

Scholar Merit Awards

Scholar Merit Awards are awarded to new first-year students who have achieved a specific Academic Point Score (APS), based on their final grade 12 results. The rand value of this award is determined on a sliding scale between a predetermined minimum and maximum value, and is linked to the specific APS achieved by an individual first-year student.

Applicable Rules/Criteria:

- Only South African citizens and permanent residents qualify for this award;
- This award is for one year only;
- The Scholar Merit bursary is regarded as a first payment towards tuition fees;
- Prospective students do not apply for this award, as they qualify automatically based on their final Grade 12 results, if their final APS is at least 40 or above;
- They must have passed Grade 12 not more than **2 years** prior to their first year of study. If not passed the year adjacent to their first year of study, then a **Previous Activity Form** should be completed and submitted to the Financial Aid Office before **28 February**.
- Their registration at Nelson Mandela University must be their first registration at a higher education institution;
- They must remain registered as a full-time degree/diploma student for the full academic year, otherwise the bursary is withdrawn;
- If a student cancels his/her registration in the 1st semester the full award will be forfeited;
- If a student cancels his/her registration in the 2nd semester, 50% of the award will be forfeited.
- The calculation of a student's APS is based on their final Grade 12 results (usually available in

January), and the results obtained after a re-mark are not considered.

- Students who have achieved the minimum APS (40 and above), but whose qualification for this bursary has not yet been confirmed by the University at the commencement of first year registrations, must submit a certified copy of their final Grade 12 results to the Financial Aid Office.
- Qualifying students who have only been allowed to register for the first time in the second semester, may be awarded 50% of the bursary value.
- The APS score is calculated as follows, using the table below: points are earned for each of the seven individual Grade 12 subjects, based on the percentage achieved for each subject. If a student has more than seven subjects, the seven best results are used. The points for each subject are all added to form the total APS.

APS Points	NSC Percentages
8	90 – 100%
7	80 – 89%
6	70 – 79%
5	60 - 69%
4	50 – 59%
3	40 – 49%
0	0 – 39%

- The rand value of each award is determined on a sliding scale across three bands of APS scores according to the table below.

Total Merit Points	Amount*
50 and above	R16 000
46-49	R12 000
40-45	R8 000

For more information contact the Financial Aid Office on 041 504 3182/1111 or e-mail: financialaid@mandela.ac.za

***Disclaimer:** "The University reserves the right to amend the policy with regards to the allocation of this award, and may in its sole discretion, decide to implement such amendments retrospectively".

Leadership awards

Leadership Awards are granted to head prefects (Head Boy/Head Girl), and Learner Representative Council Presidents (in cases of no Head Prefects). The value of the Leadership Award for an APS less than **40** is **R4000***. Head Prefects who score an APS of 40 and more, will receive an additional **R4000***.

- Documentary proof of your Grade 12 results, including a letter from your school verifying your leadership role must be submitted to the Financial Aid office on North Campus as soon as possible. The last day for submission of these documents is **31 March** annually.

***Disclaimer:** "The university reserves the right to amend the policy with regards to the allocation of this award, and may in its sole discretion, decide to implement such amendments retrospectively".



Student merit bursaries

Returning undergraduate students can automatically qualify for merit bursaries based on their final results in the previous year of study. All students who have passed all their modules at the first attempt and have attained a weighted average mark of 70% (subject to change) or higher, and have been registered for a minimum relative course weight of at least .800 (or 96 credits), receive a student merit bursary, the rand value of which is determined on a sliding scale. This award is only made to SA citizens.

NB: Exempted courses are not included in the minimum relative weight or credit value for merit award purposes. The value of the bursary is not a fixed amount and is determined in accordance with the available budget. These awards are only for undergraduate studies. Students intending to register for Postgraduate Diplomas or honours studies must apply for those bursaries on the prescribed form before **1 November** of the year preceding postgraduate studies.

***Disclaimer:** "The university reserves the right to amend the policy with regards to the allocation of this bursary, and may in its sole discretion, decide to implement such amendments retrospectively".

Sport bursaries

Madibaz Sport offers sport bursaries of varying amounts to sport performers who have demonstrated the ability to play sport at a high level of competition. Sport Bursaries are awarded to students by the sport department. Closing date: **28 September 2018**. Bursary application forms can be obtained from the Madibaz Sport by e-mail: sport@mandela.ac.za or by calling (041) 504 2165.

Vice-Chancellor's Scholarships

The Vice-Chancellor's Scholarship aims to recruit top performing learners from diverse socio-economic contexts, to register for a Nelson Mandela University degree or diploma qualification from their first-year, and retain and develop them while they complete their studies. The scholarship, valued at R96 000 a year, is renewable for each year of a first undergraduate degree or diploma, provided academic performance remains of the highest standard. Up to 25 Vice-Chancellor's Scholarships may be awarded each year. Vice-Chancellor's Scholarship students will also have access to other benefits and opportunities that will enhance their academic experience and leadership development. For more information contact the **Communication and Stakeholder Liaison** division on 041 504 3084 or e-mail: vcs@mandela.ac.za



Accommodation

On-campus

The university provides various affordable, comfortable on-campus accommodation options. These include the residences on the university's Summerstrand and George campuses, and the Student Villages in Summerstrand, which consist of self-catering units for senior students. As accommodation is limited, early application is essential. Prospective students should note that being offered a place in an academic programme does not mean they have been accepted into a residence. The closing date for on-campus residence applications are: **30 September 2018**. No late applications will be considered. For more information contact: (041) 504 3690/1415, or e-mail: resadmissions@mandela.ac.za, or visit their website: studenthousing.mandela.ac.za

Off-campus

Some students prefer living off-campus. Off-campus accommodation options include renting flats, houses or boarding at nearby private residences. The university offers a service to assist students in finding suitable off-campus accommodation. For more information on off-campus accommodation please contact (041) 504 4735/6 or e-mail: offcampus.accomodation@mandela.ac.za, or visit their website: ocho.mandela.ac.za.

Applying for residence accommodation

- Apply online: studenthousing.mandela.ac.za
- Please note that indicating that you require residence accommodation does not guarantee placement in any of the university's on-campus accommodation options;

- A selection process has to take place and priority will be given to applicants who have obtained excellent academic results;
- No student will be admitted to residence until she/he has been academically admitted to a university programme, or before the appropriate fees have been paid;
- Also note that residence accommodation is limited and preference will be given to applications received before the end of September;
- Please submit a residence accommodation form together with proof of your current residential/home or postal address via e-mail (resadmissions@mandela.ac.za), fax (041- 504 9765) or post (Residence Accommodation, PO Box 77000, Nelson Mandela University, Port Elizabeth, 6031).

International students

The Office for International Education provides information and assistance to prospective and current international students. Information on study programmes, fees, accommodation and study permit requirements can be obtained from this office. Please contact them on +27 (0)41 504 2161 or e-mail: international@mandela.ac.za or visit their website (international.mandela.ac.za).

The closing date for applications by international students is 31 October 2018.

Assistance for students with disabilities

Nelson Mandela University would like to ensure that students with disabilities enjoy a successful student experience, thus we strive to ensure that academic concessions, reasonable adjustments for general accessibility, test and examinations and other academic concessions, are made to meet your needs. Services currently available include assistive technologies, dedicated computer spaces equipped with assistive technologies, braille transcription support, adapted transport for those with mobility difficulties, and volunteer buddies amongst other.

As every case needs to be individually assessed, please register your special needs with the university's Disability Unit **as soon as possible, preferably the year prior to registration and application**. At your first appointment you will need to provide medical documentation from an appropriate health professional. The goal of the consultations between students and the Disability Unit is to identify the impact of a disability on the students' academic performance and to maximise opportunities for independent participation.

What can we offer you?

- Support consultation sessions to determine all support required during your academic journey;
- Orientation and information sessions on various services, support, and technologies available;
- Facilitation of support services, such as assistive technology, braille support, orientation and mobility training, access to facilities, academic support concessions, adapted transport, and identifying appropriate student housing spaces according to the disability.

Bursaries for students with disabilities are available, via an online application process, through NSFAS. Please contact NSFAS on 086 006 7327, or visit their website: www.nsfas.org.za

Please contact the **Disability Unit** on 041 504 2313/ 4756/ 2562 or e-mail: disability@mandela.ac.za for further information.



Faculty of Engineering, the Built Environment and Information Technology

School of Engineering

Department of Civil Engineering
Department of Electrical Engineering
Department of Industrial Engineering
Department of Mechanical Engineering
Department of Mechatronics

School of the Built Environment

Department of Construction Management
Department of Building & Human Settlement Development
Department of Quantity Surveying

School of Information and Communication Technology

Department of Applied Informatics
Department of Information Technology

Admissions offices

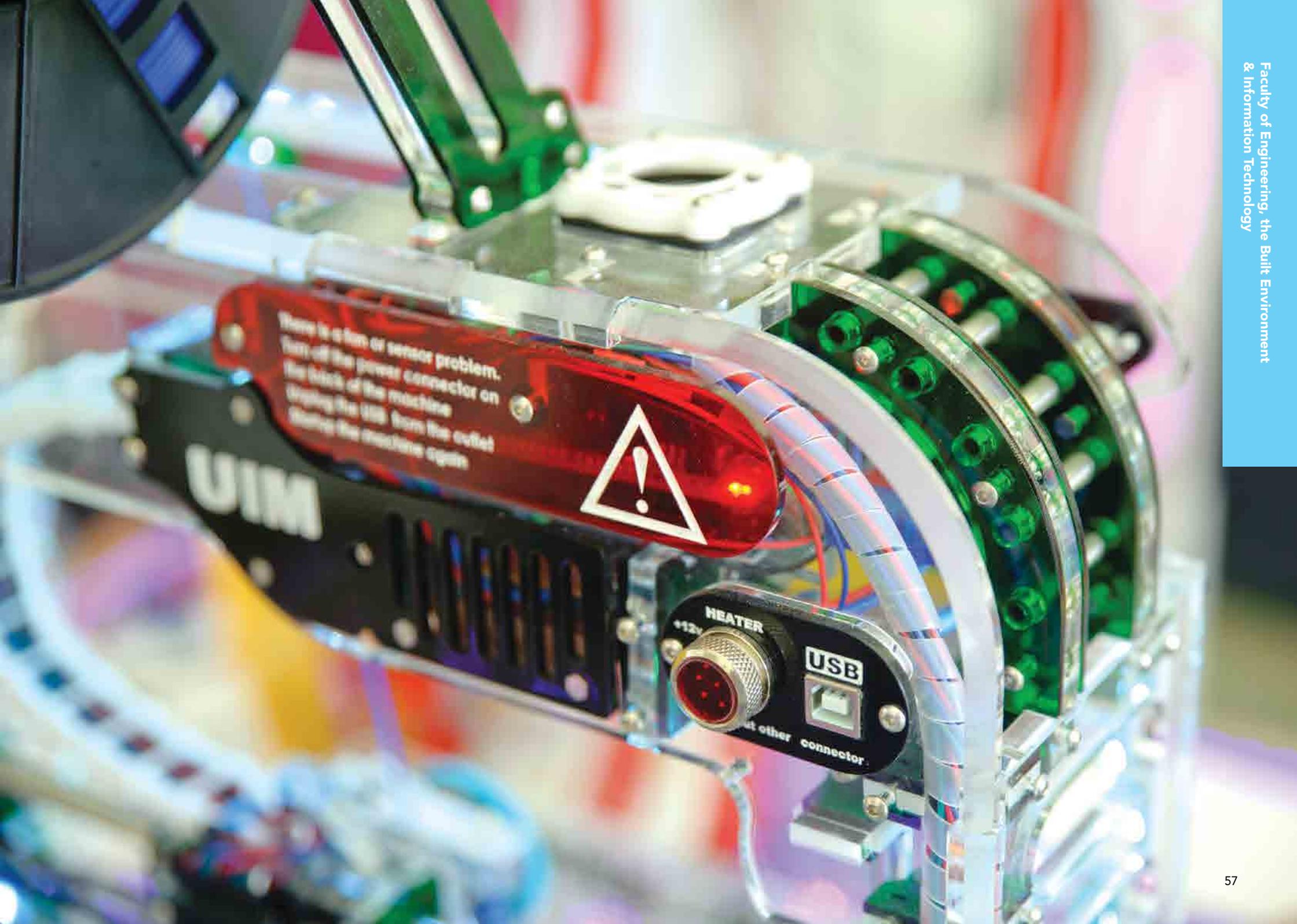
Port Elizabeth Campuses: 041 504 1111
George Campus: 044 801 5111

Faculty Administration

041 504 3446/ 3995/
3480/ 3660/ 3447

FA-Ebeit@mandela.ac.za
info@mandela.ac.za
ebeit.mandela.ac.za

Prospective student are advised to contact the admissions office prior to applying or refer to the faculty website and the prospectus for more information regarding any qualifications offered within the Faculty of Engineering, the Built Environment & Information Technology.



SCHOOL OF ENGINEERING

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
Higher Certificate (HCert)						
HCert (Mechatronic Engineering)	<p>Mechatronics support is characterised by the ability to apply proven, commonly understood detailed techniques, procedures, practices and codes to solve narrowly-defined Mechatronic engineering problems under the supervision of technicians, technologists and engineers.</p> <p>Industry further requires a significant increase in not only the amount of Artisans, but also an increase in the conceptual understanding of engineering science within the discipline, which will be achieved by the Higher Certificate. Although the scope of the Higher Certificate and this qualification falls outside the ambit of Artisan training, the Higher Certificate will provide an excellent alternative pathway for non-contracted learners to prepare for the trade test to qualify as Artisans.</p>	Full-time 1 year	Must meet APS directly	32	<ul style="list-style-type: none"> Minimum statutory NSC requirements for certificate entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40–49%). Mathematics or Technical Mathematics 4 (50 - 59%). Physical Science or Technical Science 4 (50-59%) <p>Please note that applicants who have passed <i>Technical Mathematics</i> with the required level indicated above, may be referred to write an access assessment test before a decision is made on whether to admit the applicant to this qualification.</p>	Successful candidates can pursue a multitude of career opportunities within the automated manufacturing environment. There is a rapidly rising demand for knowledge and skills in this field emanating specifically from the development of technology (especially the integration of computer based control, data acquisition and monitoring) as applied to automated processes and the inadequate levels of support staff and artisans with these highly developed technological skills.
Diploma (Dip)						
Dip (Operations Management)	<p>The programme is will provide students with the necessary knowledge, skills, understanding and abilities required in order to become competent operations managers.</p> <p>They will be able to plan and manage an organisation's resources and processes which typically represents a significant portion of an organisation's cost and assets.</p>	Part-time 3 years (presented over 4 years)	22 - 29	30	<ul style="list-style-type: none"> Minimum NSC requirements for diploma entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 4 (50-59%). Mathematics 3 (40-49%) or Mathematical Literacy 5 (60-69%). Full time employment in a related field. A comprehensive Curriculum Vitae (CV) must be submitted along with your application. 	Career opportunities include: production planners, operations managers, supervisors, team leaders, work study practitioners, quality practitioners, operations analysts, logistics and stores managers.

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
Bachelor of Technology (BTech) (The BTech degree forms the fourth year of study after completing the national diploma) <i>Bachelor of Technology (BTech) degrees are to be phased out in due course and replaced with an appropriate qualification e.g. Advanced Diploma.</i>						
BTech (Civil Engineering)* <i>*(Please note that the final year for new admission into this qualification will be July 2019)</i>	This programme provides students with the skills and knowledge to work as highly trained professionals in one of the following fields: <ul style="list-style-type: none"> Urban engineering Transportation engineering The tuition of these disciplines is subject to sufficient student numbers, and the availability of sufficient resources. <p>Take note: After completion of the BTech and a minimum of three year's industrial experience a candidate may apply to the Engineering Council of South Africa (ECSA) for registration as a professional engineering technologist.</p>	Part-time 2 years (Block format)			<ul style="list-style-type: none"> An overall average of 65% for the NDip (Civil Engineering); or 55% average for the NDip (Civil Engineering) with proof of registration with the Engineering Council of South Africa; or 60% average for the NDip (Civil Engineering) and two years' post-diploma working experience. Other and non-South African qualifications will be considered based on SAQA reports and merit and may require the submission of curricula and learning material. These applicants may be required to complete a language proficiency module. 	Civil engineering technologist.
BTech (Electrical Engineering)* <i>*(Please note that the final year for new admission into this qualification will be 2019)</i>	Persons achieving this qualification will be competent to professionally apply electrical engineering principles, innovative skills, solve broadly-defined problems and apply managerial skills in the field of electrical engineering. <p>Take note: After completion of the BTech and a minimum of three year's industrial experience a candidate may apply to the Engineering Council of South Africa (ECSA) for registration as a professional engineering technologist.</p>	Part-time 2 years			<ul style="list-style-type: none"> An overall average of 65% for the NDip (Electrical Engineering). 55% average for the NDip (Electrical Engineering) with proof of registration with the Engineering Council of South Africa; or 60% average for the NDip (Electrical Engineering) and two years' post-diploma working experience. Other and non-South-African qualifications will be considered based on SAQA reports and merit and may require the submission of curricula and learning material. These applicants may be required to complete a language proficiency test. 	Electrical engineering technologist.

Columns marked with an asterisk (*) indicate the minimum requirements for admission to a programme. Should you not meet these requirements but fall within the APS testing band you may be referred to write an access assessment test before an admissions decision is made.

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
<p>BTech (Industrial Engineering)*</p> <p><i>*(Please note that the final year for new admission into this qualification will be 2019)</i></p>	<p>This programme provides students with the skills and knowledge to analyse design and improve manufacturing and related services.</p> <p>Take note: After completion of the BTech and a minimum of three year's industrial experience a candidate may apply to the Engineering Council of South Africa (ECSA) for registration as a professional engineering technologist.</p>	Part-time 2 years			<ul style="list-style-type: none"> An overall average of 65% for the NDip (Industrial Engineering). Other and non-South African qualifications will be considered based on SAQA reports and merit and may require the submission of curricula and learning material. These applicants may be required to complete a language proficiency test. 	Career opportunities are mostly in the manufacturing industry where the industrial engineering technician or technologist plays an important role in the engineering team.
<p>BTech (Mechanical Engineering)*</p> <p><i>*(Please note that the final year for new admission into this qualification will be 2019)</i></p>	<p>Persons achieving this qualification will be able to independently integrate mechanical engineering principles, apply these to determine appropriate ways of approaching activities and establish and use criteria to judge processes and outcomes.</p> <p>Take note: After completion of the BTech and a minimum of three year's industrial experience a candidate may apply to the Engineering Council of South Africa (ECSA) for registration as a professional engineering technologist.</p>	Full-time 1 year Part-time 2 years			<ul style="list-style-type: none"> An overall average of 65% for the NDip (Mechanical Engineering). Other non-South African qualifications will be considered based on SAQA reports and merit and may require the submission of curricula and learning material. These applicants may be required to complete a language proficiency test. 	The work of a Mechanical technologists spans numerous fields and disciplines, with emphasis on the creation, design, construction, installation and maintenance of mechanical components, structures and devices that enables modern living.
<p>BTech (Operations Management)*</p> <p><i>*(Please note that the final year for new admission into this qualification will be 2019)</i></p>	<p>This programme enables students to acquire dynamic management skills to ensure smooth operation within manufacturing concerns.</p>	Part-time 1 year			<ul style="list-style-type: none"> An overall average of 65% for the NDip (Operations Management). Other and non-South African qualifications will be considered based on SAQA reports and merit, and may require the submission of curricula and learning material. These applicants may be required to complete a language proficiency module. 	Various operations management related positions.

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
Advanced Diploma (AdvDip)						
AdvDip (Quality)	The purpose of this programme is to equip students with knowledge and advanced skills to be able to determine and manage the effectiveness of quality management systems, appraise the current systems and processes, identify problem areas and possess the skills to assist in the minimisation of the problem areas identified. This qualification offers an intensive, focused and applied specialisation which meets the need of a specific niche in the labour market. This programme is suitable for a continuing professional development through the inculcation of a deep and systematic understanding of current thinking, practice, theory and methodology in the area of quality management and systems.	Part-time 2 years			<ul style="list-style-type: none"> Students must have a 65% or higher weighted average for any relevant National Diploma, Diploma or Degree qualification, at the discretion of the Head of Department, or a 60% average, with two years relevant post diploma/degree working experience. Mathematics I or equivalent at an NQF Level 5. Employment in a relevant field is required for the Project module. 	Globally, the possible positions of individuals with this type of qualification include quality practitioners, managers, supervisors and foremen. The study of quality involves the effective application and management of resources including but not limited to human, capital and material resources. Quality management for manufacturing operations is a key fundamental to the competitive edge of the Eastern Cape region and is a major contributor to wealth creation and employment. Included in the tasks of quality managers are the essential components of quality enhancement and assurance, supply chain management, increased productivity, cost reduction and flexibility improvements.
Bachelor of Engineering (BEng)						
BEng (Mechatronics)	<p>Mechatronic engineering is a combination of precision mechanical engineering, electronics and computer systems. A typical mechatronic system is characterised by close integration of the mechanical components, electrical sensors, mechanical and electrical actuators and computer controllers into products and systems useful to man and society.</p> <p>In order to combine all these elements in an optimal way (cost effective, flexible, and with the highest performance), mechatronic engineers must have insight in each of these disciplines.</p>	Full-time 4 years	Must meet APS directly	38	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40–49%). Mathematics 5 (60–69%) Physical Sciences 5 (60–69%) Applicants must meet the APS and subject requirements directly. <p>Recommended NSC Subjects:</p> <ul style="list-style-type: none"> Engineering Graphics & Design and/or Information Technology. 	Mechatronic engineers play a key role in the design, development, manufacture and operation of a variety of products – from video players and automatic cameras, to robots and fully automated plants for manufacturing, packaging, and the process industries.

Columns marked with an asterisk (*) indicate the minimum requirements for admission to a programme. Should you not meet these requirements but fall within the APS testing band you may be referred to write an access assessment test before an admissions decision is made.

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
BEng (Mechatronics) (continued)	The programme provides students with a thorough grounding in mathematics, basic sciences, engineering sciences, engineering modelling and engineering design together with the abilities to enable application in fields of emerging knowledge.					
Bachelor of Engineering Technology (BEngTech)						
BEngTech (Civil Engineering)	<p>The Civil Engineering technologist focuses on the design, construction, and maintenance of public works as well as private structures. They must be able to design safe structures which meet standard codes in the regions that they are being built in. These structures must be designed with maintenance, efficiency, and other economic concerns in mind as well as to ensure that they will endure many years of use.</p> <p>In terms of transportation, Civil technologists designs and build bridges, tunnels, freeway interchanges, and other structures which are designed to facilitate the smooth and even flow of traffic while allowing for expansion and higher use rates.</p>	Full-time 3 years	30 – 35	36	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 4 (50 – 59%). • Mathematics or Technical Mathematics 5 (60 - 69%). • Physical Science or Technical Science 4 (50-59%). <p>Please note that applicants who have passed Technical Mathematics with the required level indicated above, may be referred to write an access assessment test before a decision is made on whether to admit the applicant to this qualification.</p>	Graduates may be employed by the public or private sector such as governmental agencies, municipalities, construction companies and consultants. These technologists are mainly involved in aspects of public works like transportation, water treatment, government buildings, public facilities such as airports and train stations, and other large scale private construction projects.
BEngTech (Electrical Engineering)	Electrical technologists are responsible for the design, development, manufacturing, testing and maintenance of Electrical, Electronic and Digital infrastructure. This includes, but is not limited to power generating, transmission and distribution systems, control systems, computer systems, data and voice communication systems, automated robotic systems and medical technologies.	Full-time 3 years	30 – 35	36	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 4 (50 – 59%). • Mathematics or Technical Mathematics 5 (60 - 69%). • Physical Science or Technical Science 4 (50-59%). <p>Please note that applicants who have passed Technical Mathematics with the required level indicated above, may be referred to write an access assessment test before a decision is made on whether to admit the applicant to this qualification.</p>	<p>Electrical Engineering technology graduates are not limited to formal employment areas – they also make good entrepreneurs. Apart from this, they may also find challenging opportunities in teaching and or research.</p> <p>Typical sectors of opportunities for employment include power generation, transmission and distribution corporations, as well as government institutions developing infrastructure, computer-technology corporations, manufacturing plants, parastatal and private communication companies as well as process-control and chemical plants.</p>

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
BEngTech (Industrial Engineering)	Industrial Engineering technologists develop concepts, designs and systems for manufacturing processes and services. They work with many different specialists like material scientists, engineers, manufacturing and services team leaders, marketers and accountants to develop new efficient processes, quality assurance protocols and systems. Industrial engineering technologists are tasked to ensure that manufacturing plant or services rendered are optimally designed for customer satisfaction in terms of quality as well as being internationally competitive.	Full-time 3 years	30 – 35	36	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 4 (50 – 59%). • Mathematics or Technical Mathematics 5 (60 - 69%). • Physical Science or Technical Science 4 (50-59%). <p>Please note that applicants who have passed <i>Technical Mathematics</i> with the required level indicated above, may be referred to write an access assessment test before a decision is made on whether to admit the applicant to this qualification.</p>	Industrial engineering technologists are high in demand in automated manufacturing and assembly plants as well as in large scale service industries.
BEngTech (Mechanical Engineering)	<p>The work of mechanical technologists spans a number of different fields and disciplines, with a great deal of the emphasis being on the creation, design, construction, and installation of many of the mechanical components, structures and devices that make modern life so comfortable. Product development requires the talents of a Mechanical technologist</p> <p>As part of this job, the technologist may seek to improve the product so that it or the process used to make it is more efficient and thereby reducing the cost to the consumer and also improving the international competitive edge of the manufacturer.</p>	Full-time 3 years	30 – 35	36	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 4 (50 – 59%). • Mathematics or Technical Mathematics 5 (60 - 69%). • Physical Science or Technical Science 4 (50-59%). <p>Please note that applicants who have passed <i>Technical Mathematics</i> with the required level indicated above, may be referred to write an access assessment test before a decision is made on whether to admit the applicant to this qualification.</p>	The work of a Mechanical technologists spans numerous fields and disciplines, with emphasis on the creation, design, construction, installation and maintenance of mechanical components, structures and devices that enables modern living.

Columns marked with an asterisk (*) indicate the minimum requirements for admission to a programme. Should you not meet these requirements but fall within the APS testing band you may be referred to write an access assessment test before an admissions decision is made.

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
BEngTech (Marine Engineering)	<p>Marine engineering is the discipline of applying engineering sciences (including mechanical, electrical, electronics) and computer science, to the development, design, operation and maintenance of ships and related watercraft, including propulsion and on-board systems.</p> <p>The Marine Engineering discipline integrates and applies high levels of engineering science to the area of naval architecture and marine structures. Naval architecture broadly refers to the design and structures related to a ship.</p>	Full-time 3 years	30 – 35	36	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 4 (50 – 59%). • Mathematics 5 (60-69%) • Physical Sciences 4 (50-59%) 	<p>After completing the degree, graduates can consider three career options:</p> <p>An Engine Officer (Seafarer/Mariner), who is responsible for the technical management and the operation of a ship, up to the level of Chief Engineer. In Marine Engineering, the “Chief Engineer” is in charge of the engineering department on a vessel. They are responsible for all operations and maintenance that has to do with all the engineering equipment and the technical facilities throughout the entire ship.</p> <p>A Naval Architect, who is involved in the design, modification and development of ships, boats, vessels and off-shore platforms.</p> <p>A Shore-based Marine Engineer, who specialises in the systems engineering (design/maintenance/modification/construction) of boats, ships, oil rigs and any other marine vessels or structures, as well as with oceanographic engineering.</p>

SCHOOL OF THE BUILT ENVIRONMENT

Diploma (Dip)						
Dip (Building)	<p>The Building and Construction Industry is a dynamic industry with many opportunities for self-motivated and hardworking people. The industry is becoming more technically sophisticated and computerised which has resulted in a growing demand for suitably trained professionals.</p>	Full-time 3 years	21 – 24 (excl. LO)	25 (excl. LO)	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for diploma entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40–49%). • Mathematics 3 (40-49%) <p>Admission is subject to departmental selection.</p>	<p>This programme prepares diplomates for supervisory and middle management level employment in the building industry; and technical support level in the quantity surveying profession.</p>

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
Dip (Building) <i>(continued)</i>	<p>This course deals with the methods, materials and techniques used in the construction industry. Two years of this three-year programme are spent doing full-time study at the university, and one year in industry undergoing experiential learning.</p> <p>Take note: Applicants who wish to apply for this particular course must exclude Life Orientation (LO) in the calculation for their APS. As a limited number of students can be admitted, admission is subject to selection based on academic merit.</p>				<p>Recommended NSC Subjects</p> <ul style="list-style-type: none"> • Physical Sciences • Business Economics • Accounting • Civil Technology 	
<p>Bachelor of Technology (BTech) (The BTech degree forms the fourth year of study after completing the diploma) <i>Bachelor of Technology (BTech) degrees are to be phased out in due course and replaced with an appropriate qualification e.g. Advanced Diploma.</i></p>						
<p>BTech (Construction Management)*</p> <p><i>*(Please note that the final year for new admission into this qualification will be 2019)</i></p>	<p>This programme provides specialised training for middle and top management positions in the construction and related industries.</p>	<p>Full-time 1 year can be split over 2 years</p>			<p>Dip (Building) or a qualification deemed equivalent by the department and approved by the Faculty Management Committee (FMC).</p> <p>A weighted average of at least 60% for all modules in the final year of study in the diploma programme and at least 60% for the major module (Construction Management III) in the final year of study in the diploma programme.</p> <p>Alternatively: Students obtaining 55 – 59% in either of the above must submit a detailed breakdown of two years’ proven post-diploma experience, under the auspices of a mentor professionally registered with either the SACPCMP, SACQSP or a relevant Built Environment professional body, as well as periods of employment certified by the relevant company.</p>	<p>Employment opportunities exist mostly with private building contractors as well as with local authorities and state departments.</p>

Columns marked with an asterisk (*) indicate the minimum requirements for admission to a programme. Should you not meet these requirements but fall within the APS testing band you may be referred to write an access assessment test before an admissions decision is made.

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
<p>BTech (Quantity Surveying)*</p> <p><i>*(Please note that the final year for new admission into this qualification will be 2019)</i></p>	<p>This programme provides specialised training for middle and top management level positions in the construction and related industries; and for practice in the quantity surveying profession.</p>	<p>Full-time 1 year can be split over 2 years</p>			<p>Dip (Building) or a qualification deemed equivalent by the department and approved by the Faculty Management Committee (FMC).</p> <p>An average of at least 60% for all modules in the final year of study in the diploma programme; and at least 60% for the major module (Quantity Surveying III) in the final year of study in the diploma programme.</p> <p>Alternatively: Students obtaining 55 – 59% in either of the above must submit a detailed breakdown of two years’ proven post-diploma experience, under the auspices of a mentor professionally registered with either the SACPCMP, SACQSP or a relevant Built Environment professional body, as well as periods of employment certified by the relevant company.</p>	<p>Employment opportunities exist mostly with construction companies, quantity surveying firms, financial institutions, local authorities and state departments.</p>
Bachelor of Science (BSc)						
<p>BSc: Construction Economics (Quantity Surveying with Financial & Business Management)</p>	<p>Students are introduced to the following fields of expertise related to the quantity surveying profession and construction industry: construction methods and materials; costs of various construction elements and components; the influence of the economy on the industry; rights and obligations of different parties; the use of computers and the principles of entrepreneurial success; personal and professional ethics; and general professional practice and management.</p> <p>Take note: <i>The BSc (Construction Economics) is followed by the BSc Honours (Quantity Surveying) in order to develop the additional expertise needed to register as a candidate quantity surveyor with the South African Council for the Quantity Surveying Profession.</i></p>	<p>Full-time 3 years</p>	<p>27 – 28 (excl. LO)</p>	<p>29 (excl. LO)</p>	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for degree entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40–49%). • Mathematics 4 (50-59%). <p>Admission is subject to departmental selection.</p> <p>Recommended NSC Subjects:</p> <ul style="list-style-type: none"> • Engineering Graphics & Design • Physical Science <p>Please note: <i>Applicants who wish to apply for this particular course must exclude Life Orientation (LO) in the calculation for their APS. As a limited number of students can be admitted, admission is subject to selection based on academic merit.</i></p>	<p>Quantity surveyors function as construction economists and cost management consultants. They act as financial consultants to the construction and property development industries.</p> <p>In addition to working as consultants in private practice, quantity surveyors’ skills are also utilised in areas such as building and civil construction, property (asset) management, mining, government administration, financial planning and Tertiary Institutions.</p>

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
BSc (Construction Studies)* *(Please note that the final year for new admissions into this qualification will be 2019)	This programme enables graduates to perform technical, supervision and operational and middle management functions in small to large construction-related enterprises, as employees or as entrepreneurs. They will obtain knowledge and skills in the areas of construction materials, methods and management, accounting, economics and the measurement and quantification of construction resources. Take note: After completing the BSc (Construction Studies) graduates should enrol for the BSc Honours (Construction Management) in order to register as a candidate construction manager with the South African Council for the Construction and Project Management Professions upon graduating.	Full-time 3 years	26 – 35	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40–49%). Mathematics 4 (50-59%). Recommended NSC Subjects: <ul style="list-style-type: none"> Engineering Graphics & Design Physical Sciences 	Graduates find employment in construction enterprises as site agents, site managers, contract managers, estimators, planners, managers and directors. Career opportunities also exist in materials manufacture and marketing, property management, property development, facilities management, subcontracting, specialist consulting, project management, lecturing and research.
Bachelor of Human Settlement Development (BHSD)						
BHSD (Human Settlement Development)	This programme will provide students with professional skills and knowledge appropriate to a range of employment opportunities associated with human settlement development and management. Student will also be required to complete four months (one month per year) of work integrated learning (WIL) during recess period (with mentors).	Full-time 4 years Part-time 6 years	28 - 35	36	<ul style="list-style-type: none"> Minimum statutory NSC requirements for degree entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40–49%). Mathematics 4 (50-59%) or Mathematical Literacy 6 (70-79%). 	Graduates are employed by managing organisations and developing and implementing human settlement policy, strategies, programmes and projects in the public and private sectors.

Columns marked with an asterisk (*) indicate the minimum requirements for admission to a programme. Should you not meet these requirements but fall within the APS testing band you may be referred to write an access assessment test before an admissions decision is made.

SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
Higher Certificate (HCert)						
HCert: IT (User Support Services)* *(also offered on the George Campus)	The purpose of the qualification is to produce graduates who are productive, competent, able to work independently, and who can manage time effectively in entry-level technical user support positions that span a wide range of computing environments requiring support personnel. Please note: An average of 60% for all modules at the exit level is required if an applicant wishes to proceed to the Diploma: IT (Support Services).	Full-time 1 year	22 – 27	28	<ul style="list-style-type: none"> Minimum statutory NSC requirements for higher certificate entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40–49%). Mathematics 2 (30-39%) or Mathematical Literacy 3 (40-49%). 	Entry-level IT support technician
Diploma (Dip)						
Dip: IT (Software Development)	Students will be taught to effectively solve business-related problems, and will be trained extensively in areas such as computer software, computer hardware, networks and the analysis, design and implementation of software solutions.	Full-time 3 years	26 – 31	32	<ul style="list-style-type: none"> Minimum statutory NSC requirements for diploma entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%). RECOMMENDED NSC SUBJECTS: Computer Applications Technology and/or Information Technology	Programmer or software engineer, systems analyst, user support specialist, network administrator.
Dip: IT (Communication Networks)	The communication networks stream focuses on integrating many technologies varying from wireless networks, voice over IP, electronics, robotic components, computer and information security, networking and also programming. This course is primarily a course for networking professionals with a solid grounding in supporting subject areas such as programming and fundamentals of digital systems.	Full-time 3 years	26 – 31	32	<ul style="list-style-type: none"> Minimum statutory NSC requirements for diploma entry must be met. English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). Mathematics 3 (40-49%). RECOMMENDED NSC SUBJECTS: Computer Applications Technology and/or Information Technology	The communication network specialist would typically play an integral role in network and communication infrastructure design for multidisciplinary environments. With the exponential growth in the tele-communications infrastructure worldwide, professionals in this field will play a major role in future developments.

Qualification	Programme Overview	Delivery mode & duration of study	APS Testing Band	APS*	Admission Requirements*	Career Opportunities
Dip: IT (Support Services)	This programme focuses on the day-to-day administration of the IT and networks infrastructure and support of the users reliant on this infrastructure.	Full-time 3 years	26 – 31	32	<ul style="list-style-type: none"> • Minimum statutory NSC requirements for diploma entry must be met. • English, Afrikaans or isiXhosa (home language or first additional language) on at least a level 3 (40-49%). • Mathematics 2 (30-39%) or Mathematical Literacy 4 (50-59%) or • HCert: IT (User Support Services) with an average of 60% or above. <p>RECOMMENDED NSC SUBJECTS: Computer Applications Technology and/or Information Technology.</p>	IT Support Technician or trainee call centre manager. Employers include: government departments, computer manufacturers, network organisations, computer bureau, research organisations, insurance companies, commerce and industry, educational institutions, professional firms, mining companies, libraries.
<p>Bachelor of Technology (BTech) (The BTech degree forms part of the fourth year of full-time study after completing the diploma) <i>Bachelor of Technology (BTech) degrees are to be phased out in due course and replaced with an appropriate qualification e.g. Advanced Diploma.</i></p>						
BTech (Information Technology)* *(Please note that the final year for new admission into this qualification will be 2019)	The aim of the qualification is to provide students with an in-depth theoretical and practical foundation to prepare them for successful careers in information technology. Students may choose to follow a curriculum in one of the following specialisation areas: <ul style="list-style-type: none"> • Software Development • Communication Networks The BTech (Information Technology) forms the 4th year of study and offers a high degree of specialisation.	Full-time 1 year			Diploma (IT) or equivalent qualification in information technology. Students must satisfy the prerequisites for the specified specialisation areas of the BTech programme.	BTech (IT) students will typically be employed in IT/IS management positions, both in the private and public sectors. They are essentially prepared for positions such as systems analysts, programmers and network designers. The BTech also prepares students for postgraduate and industrial research.

Columns marked with an asterix (*) indicate the minimum requirements for admission to a programme. Should you not meet these requirements but fall within the APS testing band you may be referred to write an access assessment test before an admissions decision is made.

Contact Details

	South Campus	North Campus	Second Avenue Campus	Missionvale Campus	George Campus
General Enquiries	041 504 1111				044 801 5111
Admission Enquiries	041 504 1111/ 2593/ 2945				044 801 5194
Arts, Culture & Heritage	041 504 2508				044 801 5029
Student Recruitment	041 504 1111				044 801 5111
Financial Aid	041 504 3182/1111/1242				044 801 5310
Student Counseling, Career & Development Centre (SCDC)	041 504 2511	041 504 3222	041 504 3854	041 504 1106	044 801 5051/5168
Student Housing	041 1415/3690 (On-Campus) 041 504 4735/4736 (Off-campus)			No accommodation available	044 801 5034 (On-campus)
Madibaz Sport	041 504 2165			041 504 1244	044 801 5037/5111
Access Assessment Testing (CAAR)	041 504 2918				044 801 5051
Campus Health Service	041 504 2174	041 504 3364	041 504 2955	041 504 1374	044 801 5125
Postgraduate / Mature Student Enquiries	041 504 2162/9966				044 801 5111
Office for International Education	+27 (0)41 504 2161				+27 (0)44 801 5008
Disability Unit	041 504 2313				
Faculties					
Faculty of Arts	Faculty Administration - 041 504 3252/ 2855/ 2802/ 4608 /3478				George Campus 044 801 – 5048/5566
Faculty of Business & Economic Sciences	Faculty Administration – 041 504 3802 / 2248/ 2939/ 2801/ 3804/ 3707/ 3706				
Faculty of Education	Faculty Administration – 041 504 2125/ 4568				
Faculty of Engineering, the Built Environment and Information Technology	Faculty Administration – 041 504 3447/ 3446/ 3995/ 3660				
Faculty of Health Sciences	Faculty Administration – 041 504 1178/ 2957/ 2956/ 2749				
Faculty of Law	Faculty Administration – 041 504 2588/ 2474/ 1178				
Faculty of Science	Faculty Administration – 041 504 2268/ 2679/ 9922				

Address of the University

The Admissions Office
PO Box 77000
Nelson Mandela University
PORT ELIZABETH
6031
E admissions@mandela.ac.za or info@mandela.ac.za
W mandela.ac.za



Address of the George Campus

Nelson Mandela University
George Campus
Private Bag X 6531
GEORGE
6530
E george-info@mandela.ac.za
W georgecampus.mandela.ac.za

Our Vision

To be a dynamic African university, recognised for its leadership in generating cutting-edge knowledge for a sustainable future.

Our Mission

To offer a diverse range of life-changing educational experiences for a better world.

Our Values



Disclaimer: All reasonable steps have been taken to ensure that the information contained in this guide was accurate at the date of publication. Nelson Mandela University reserves the right to make changes to programme details (e.g. rules, admission requirements) as published in this guide at any time. Prospective students are advised to consult the admissions department prior to applying.



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