

PROSPECTUS

2025

-  +27 (0)21 959 6767
-  info@cput.ac.za
-  @cput
-  @wearecput
-  www.cput.ac.za
-  www.facebook.com/cput.ac.za

EDITION 02/2024

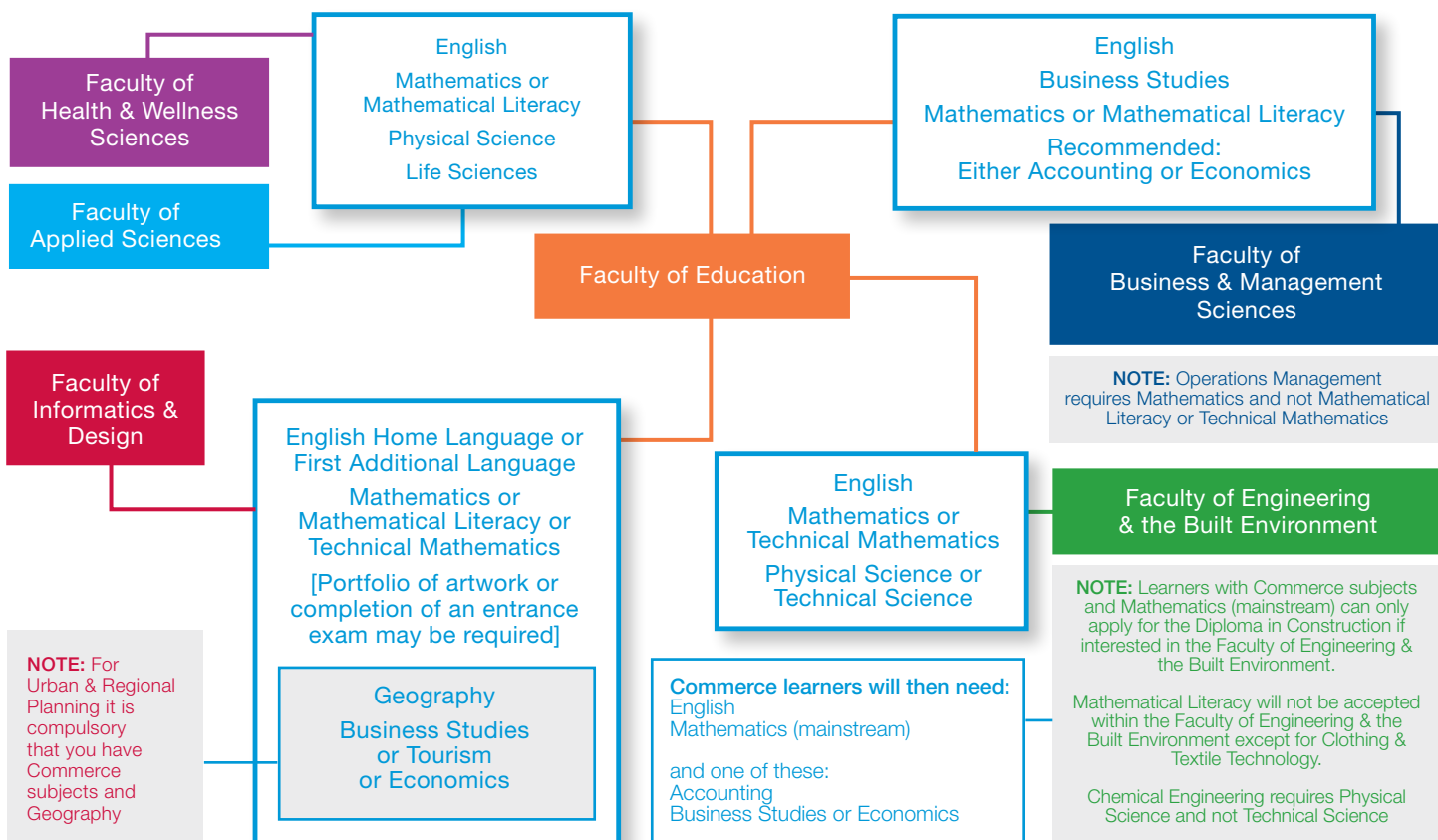


Cape Peninsula
University of Technology

creating futures

What can you study with your subject combinations?

Here's a guide to navigating through this brochure.



Do you hold a National Senior Certificate (NSC)?

Find your subjects by scanning this code:

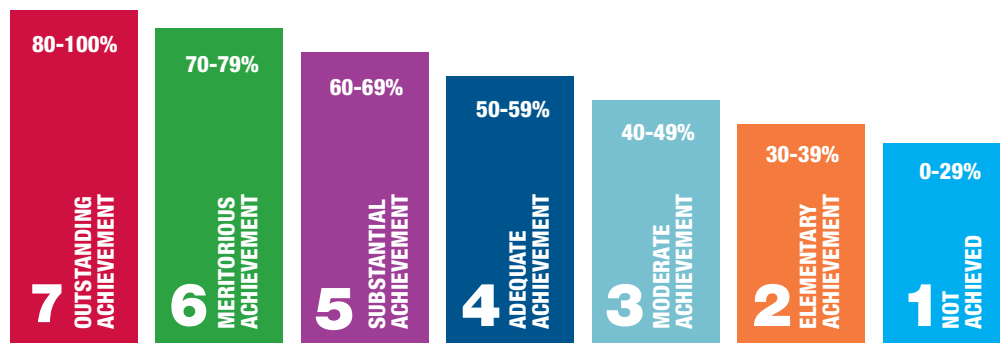


TABLE A – National Curriculum Statement and NCV Group A subject rating

Please note that some of the qualifications listed here may be replaced by HEQSF aligned qualifications and the admission requirements may therefore differ between the existing qualification and the HEQSF aligned qualification.

Please consult the CPUT website or the respective faculty for updated information.

Visit our website www.cput.ac.za
and our Facebook page at
www.facebook.com/cput.ac.za
for updates

CALCULATING THE APS SCORE

NOTE: Life Orientation cannot be used for any of the calculations.

You have to meet the individual subject admission requirements for the qualification. In addition, you also have to meet the minimum Admissions Point Score (APS) scores using the method that applies to the qualification you are applying for.

METHOD 1: Best of six subjects

The APS is calculated using the percentage score for the 6 highest scoring subjects **including those required subjects** such as Mathematics, Physical Science, and English, but excluding Life Orientation and adding up all the raw scores, and dividing by 10.

For example:

| SUBJECT | PERCENTAGE | CALCULATION |
|------------------------|------------|------------------------|
| English | 57% | 57 |
| Mathematics | 55% | 55 |
| Subject 3 | 50% | 50 |
| Subject 4 | 54% | 54 |
| Subject 5 | 43% | 43 |
| Subject 6 | 45% | 45 |
| APS score (min) | | 304 ÷ 10 = 30.4 |

METHOD 2: Double Maths and Science plus English and the next best subject

The APS is calculated using the percentage score for the required subjects such as Mathematics, Physical Sciences, English and a 4th highest subject, but excluding Life Orientation. Multiply the marks for Mathematics and Physical Sciences by 2 and add up all the raw scores, then divide by 10.

For example:

| SUBJECT | PERCENTAGE | CALCULATION |
|------------------------|------------|------------------------|
| English | 57% | 57 |
| Mathematics | 55% x 2 | 110 |
| Physical Science | 50% x 2 | 100 |
| Subject 4 | 54% | 54 |
| APS score (min) | | 321 ÷ 10 = 32.1 |

METHOD 3: Double Maths and Accounting, plus English and the 3 next best subjects

The APS is calculated using the doubling the percentage score for Mathematics and Accounting, and then adding the 4 next best subjects (excluding Life Orientation), then dividing by 10.

For example:

| SUBJECT | PERCENTAGE | CALCULATION |
|------------------------|------------|------------------------|
| English | 57% | 57 |
| Mathematics | 55% x 2 | 110 |
| Accounting | 62% x 2 | 124 |
| Subject 4 | 54% | 54 |
| Subject 5 | 48% | 48 |
| Subject 6 | 65% | 65 |
| APS score (min) | | 458 ÷ 10 = 45.8 |

Do you hold a National Certificate (Vocational)?

If you hold a National Certificate (Vocational) and would like to apply to study in the Faculties of Business & Management Sciences or Engineering, you have to meet the following requirements:

- ✓ National Certificate (Vocational) Level 4 issued by the Council for General and Further Education and Training and compliance with the language requirements of CPUT
- ✓ Language requirements for Business & Management Sciences and Engineering courses
- ✓ You may be required to write proficiency tests as part of the admission requirements

Find your subjects by scanning this code:

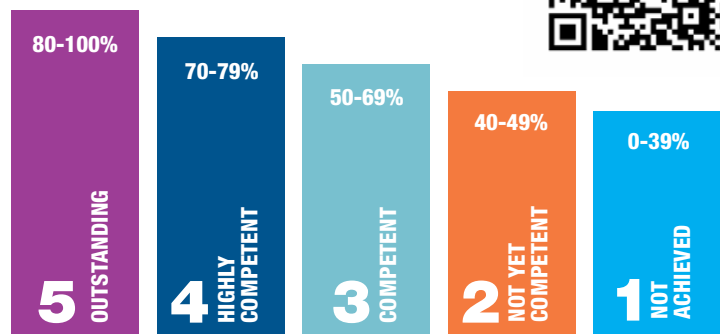


TABLE B – Group B NCV subject rating

2025 APPLICATIONS. OPEN DATE TO BE ADVISED

ONLINE APPLICATIONS

All applications must be submitted online (unless otherwise indicated on the CPUT website).

THERE ARE 7 STEPS FOR APPLYING ONLINE



- 1 Are you not yet 18 years old?
First complete the minor declaration form signed by your parents/guardians before you submit your online application. The form is downloadable from the CPUT website at: <https://www.cput.ac.za/study/apply/step-2-gather-yourdocuments-or-upload-further-outstanding-documents>.

Applications without the declaration will not be processed.

- 2 Choose your qualification by consulting this brochure or the website.

- 3 Gather your documents (i.e. certified copies less than 3 months old).

- 4 Download the online applications guide on our website for information on how to apply online

- 5 Complete and track your application online by visiting www.cput.ac.za/study/apply

- 6 Follow-up and track the progress of your application via the online application tracking system by visiting www.cput.ac.za/study/track.

Official letters containing your application status will be available for download when ready. You may also receive SMS communication in this regard.



- 7 Are you interested in CPUT residence accommodation? Complete your online residence application by visiting <https://www.cput.ac.za/students/about/sos>

Use your CPUT student number assigned to you and the pin that you have created.

KEEP CHECKING THE CPUT WEBSITE FOR 2025 APPLICATION CLOSING DATES



All of the below dates are subject to change.

RPL APPLICANTS:

Visit <https://www.cput.ac.za/study/rpl> for more details

EARLY CLOSING DATES:

Diploma Grade R; Post Graduate Certificate in Education: FET; Post Graduate Certificate in Education in Senior Phase & FET Teaching; Advanced Diploma in Teaching & Vocational Teaching

To be advised

*Please refer to Faculty of Education Application Guidelines at <https://issuu.com/cput6/docs/faculty-of-education-application-guidelines/1?ff>

BEd Foundation Phase; BEd Intermediate Phase Teaching; BEd in Senior Phase & FET Teaching; HC in Dental Assisting; BHSc in Dental Technology & Extended; HC in Emergency Medical Care; Diploma in Emergency Medical Care; Bachelor of Emergency Medical Care & Extended; BHSc in Medical Lab Science & Extended; BHSc in Opticianry; Diploma in Somatology; Advanced Diploma in Somatology; Bachelor of Nursing & Extended; BSc in Diagnostic Radiography; BSc in Diagnostic Ultrasound; BSc in Nuclear Medicine Technology; BSc in Radiation Therapy

To be advised

INTERNATIONAL APPLICANTS:

Non-SA citizens; SA citizens with International qualifications

30 August 2024

South African citizens i.e. refugees, individuals with permanent SA residency status; Undergraduate programmes, including Advanced Diploma programmes NOT closing on 31 August

30 September 2024

PROSPECTUS 2025

Be smart. Apply early.

DO YOU NEED FINANCIAL AID?

Various bursaries, merit awards and loans are available.
Call our team at the Financial Aid Office for more information:

| | |
|---------------------------|--------------|
| District Six Campus | 021 460 3831 |
| Bellville Campus | 021 959 6371 |
| Wellington Campus | 021 864 5546 |
| Mowbray Campus | 021 684 5662 |

 www.cput.ac.za/study/funding/undergraduate

 <https://www.cput.ac.za/study/funding/undergraduate/contact-financial-aid>

WHAT WILL IT COST?

Subject
to
change

Our course fees vary, are reviewed annually, and are subject to change.

5% discount is granted If payment in full is received for annual fees **by the end of March**

2.5% discount is granted for first semester fees paid in full **by the end of March**

2.5% discount is granted for second semester fees paid in full **by the end of August**

The balance of your fees is payable in **10 monthly instalments**, from February to November



 www.cput.ac.za/study/fees

ARE YOU AN INTERNATIONAL APPLICANT?



Students registering for the first time **MUST** apply for study visas from their countries. Only returning students **MAY** renew their visas in SA.

Make sure you meet the selection criteria.

You will be required to submit the following documents (certified copies less than three (3) months old):

- All qualification documents
- Academic transcripts
- Final certificates
- SAQA certificate (compulsory for all International applicants)
- Passport or Refugee/ Asylum Seeker Permit

Certificates in foreign languages should be submitted, together with English translations completed by a sworn translator. Once you receive an official letter of acceptance and letter of intent from the Application & Registration Centre (ARC) of CPUT, apply to the SA Trade Representative closest to your home for a study permit.



STUDY VISAS

International applicants are required to apply for a student permit by completing Form BI-1738. You may apply at the Department of Home Affairs or to the SA High Commission, if you are applying from your home country.

Students using a passport should register to study with a valid study permit, which clearly indicates that student is taking up studies at CPUT not any other university or college in South Africa.

In addition to the payment listed for South African applications at registration, all foreign applicants (excluding refugees and individuals with permanent resident status) will be required to pay the following fees:

Subject
to
change

- R1 500 administrative fee (non-refundable, once-off payment for all applicants registering for the first time – except for refugees and applicants with permanent resident status in SA).
- All international students must pay the upfront payment of R3500, and 50% upfront payment of the tuition fees.
- The balance of the fees for the year must be paid by 31 May of the year of study.
- 12 months South African Medical Aid letter (certificate) **MUST** also be included when registering.

International applicants (except those from African and SADC countries, as well as refugees) pay double the fees that South African students are required to pay.

Are these your school subjects?

English
Mathematics or
Mathematical Literacy
Physical Science
Life Science

DIPLOMA IN AGRICULTURE; DIPLOMA IN AGRICULTURAL MANAGEMENT

Agriculturalists are involved in the management of the agricultural industry, which includes animal production, crop production, viticulture, and oenology. They are actively involved in day-to-day farming activities, including planning, care of, and harvesting of agricultural products.

Who would like this

People who enjoy working outdoors and are interested in the agriculture sector.

Future career

Private and commercial farms, government organisations, laboratories, agricultural research, quality control, production and marketing.

DIPLOMA IN BIOTECHNOLOGY

Biotechnologists are involved in the industrial use of living organisms (or parts of organisms) to produce food, drugs, and other products. This ranges from fermentation, plant, and animal hybridization, to genomics.

Who would like this

People who enjoy science and laboratory work.

Future career

Pharmaceutical companies, chemical manufacturers, the food industry.

DIPLOMA IN ANALYTICAL CHEMISTRY

Chemistry is a "central science" which involves many scientific fields. It deals with matter and its changes, and seeks to understand the composition of substances for practical use in order to meet society's needs. Chemists are concerned with the production and use of energy.

Who would like this

People who enjoy science and laboratory work.

Future career

Mining, pharmaceutical, forensics, education, petrochemical, agriculture, food companies, or environmental companies.

DIPLOMA IN CONSUMER SCIENCE: FOOD & NUTRITION

Graduates are trained for the convenience food manufacturing, retail and food service industries. They are involved in the development and production of convenience food products and in management within the food retail and food service industries.

Who would like this

People who have a passion for food and an interest in the well being of the consumer.

Future career

Convenience food manufacturing industry, retail industry, food service industry.

DIPLOMA IN ENVIRONMENTAL MANAGEMENT

Graduates manage environmental issues such as water demand, energy and transport impacts, environmental impact assessments, and environmental policies.

Who would like this

People who are interested in protecting the environment.

Future career

Government departments such as the Department of Environmental Affairs and Tourism, Water Affairs and Forestry, manufacturing and processing industries, and consulting companies.

BACHELOR IN ENVIRONMENTAL HEALTH

The task of the Environmental Health Practitioner is determined by legislation and the scope of practice, which is directed to ensure a safe and healthy environment for the public through the monitoring of water quality, food safety and sanitation standards amongst others.

Who would like this

People who are interested in working in the outdoor environment and within communities.

Future career

As a Health Professions Council of SA registered EHP one operates within the district health system of South Africa. Local authorities are the guardians of environmental health and are the main employers. EHPs can also work in industry, as consultants, or for various government departments.

DIPLOMA IN HORTICULTURE

Horticulturalists propagate, cultivate and maintain plants to promote the use of plant material for the improvement of the built environment.

Who would like this

People who enjoy cultivation and growing of plants for ornamental, food and cut flower for aesthetic purposes.

Future career

Private sector of wholesale / retail nurseries, landscape industry, Departments of Agriculture and Public Works, SANBI, SANPARKS and municipalities.

DIPLOMA IN LANDSCAPE ARCHITECTURE

Landscape technicians apply their knowledge of the use of ornamental plants and hard landscaping materials to design, implement and manage landscape projects. They create spaces that are aesthetically pleasing, functional, and ecologically sustainable.

Who would like this

People who enjoy design and drawing in an office environment.

Future career

Register as a professional landscape architect to work for architectural firms and landscape project developments.

DIPLOMA IN MATHEMATICAL SCIENCES

Graduates apply a broad range of advanced mathematical, statistical and computational techniques to analyse data and solve real-world problems.

Who would like this

People with a keen interest in Mathematics and who want to develop their analytical and problem-solving skills; people who like the challenges brought on by real-world problems.

Future career

Financial sector, such as banks, investment firms and insurance companies, manufacturing industries, the commerce sector, science and technology sector, research organisations.

BACHELOR OF FOOD SCIENCE & TECHNOLOGY

Food technologists are involved in the large-scale production and preservation of foods as well as the development and analysis of foodstuffs in industrial food processing facilities. They are also involved with quality assurance processing technology, chemistry and microbiology.

Who would like this

People who enjoy working in the science laboratory, who pay attention to detail, have innovative skills, and an interest in food processing and the food industry.

Future career

Job opportunities abound in food processing and manufacturing companies, regulatory and research environments, as well as self-employment.

DIPLOMA IN NATURE CONSERVATION

Nature conservationists are concerned with the management of natural resources with the purpose of protecting and sustaining biodiversity in species, ecosystems, the evolutionary process, as well as human culture and society.

Who would like this

People who are passionate about nature, enjoy the outdoors and want to make a difference in the conservation of our natural environment.

Future career

National parks, game and nature reserves, botanical gardens, environmental NGO's, environmental consultancy firms.

DIPLOMA IN MARINE SCIENCE

Marine scientists are involved in research and management relating to marine and coastal environments and ecosystems.

Who would like this

People who are intrigued by the marine and coastal environments and related industries.

Future career

Government departments (national, provincial and local), nonprofit organisations, consultancies, private and national parks, marine and coastal reserves, research and training organisations, marine companies.



| DEPARTMENT | QUALIFICATION | MINIMUM APS SCORE | | METHOD OPTION | ENGLISH (HL or FAL) | MATHS | TECH MATHS | MATHS LIT | LIFE SCIENCES | PHYSICAL SCIENCES | COMMENTS/ ADDITIONAL REQUIREMENTS ECP: Subject to space, students may be admitted with: |
|--------------------------------------|---|---|---|--|---------------------|-------|------------|-----------|---------------|-------------------|--|
| | | ECP | MAINSTREAM | | | | | | | | |
| AGRICULTURE | Diploma in Agriculture | 28 with Maths; 29 with Tech Maths | 30 with Maths; 31 with Tech Maths | To find out how to calculate your APS score see method 1 on the reverse of this brochure | 4 | 3 | 4 | | 4 | 4 | Life Sciences or Physical Sciences |
| | Diploma in Agricultural Management | 28 with Maths; 29 with Tech Maths; 30 with Maths Literacy | 30 with Maths; 31 with Tech Maths; 32 with Maths Literacy | | 4 | 3 | 4 | 5 | 4 | 4 | Life Sciences or Physical Sciences |
| CHEMISTRY | Diploma in Analytical Chemistry | 28 with Maths; 29 with Tech Maths | 30 with Maths; 31 with Tech Maths | | 4 | 4 | 5 | | | 4 | 45% or above in Maths or Physical Sciences if the other one is 50% or above |
| BIOTECHNOLOGY & CONSUMER SCIENCES | Diploma in Biotechnology | 28 with Maths; 29 with Tech Maths | 30 with Maths; 31 with Tech Maths | | 4 | 4 | 5 | | 4 | 4 | 45% or above in Maths or Physical Sciences or Life Sciences if the other three are 50% or above |
| | Diploma in Consumer Science: Food & Nutrition | 26 with Maths; 27 with Tech Maths | 28 with Maths; 29 with Tech Maths | | 4 | 3 | 4 | | | 4 | 45% or above in Maths or Physical Sciences or Life Sciences if the other three are 50% and above |
| ENVIRONMENTAL & OCCUPATIONAL STUDIES | Diploma in Environmental Management | 26 with Maths; 27 with Tech Maths; 28 with Maths Literacy | 28 with Maths; 29 with Tech Maths; 30 with Maths Literacy | | 4 | 3 | 4 | 5 | 4 | 3 | At least: 40% (3) for Mathematics, 60% (5) for Maths Literacy and 50% (4) for Technical Maths; 50% (4) for Geography or Life Sciences; and any other 2 subjects at 40% (3) except Life Orientation |
| | Bachelor of Environmental Health | 30 with Maths; 31 with Tech Maths | 32 with Maths; 33 with Tech Maths | | 4 | 4 | 5 | | 4 | 4 | |
| FOOD SCIENCE & TECHNOLOGY | Bachelor of Food Science & Technology | N/A | 32 with Maths; 33 with Tech Maths | | 4 | 4 | 5 | | 3 | 4 | Plus any two other subjects (excl. languages) – each at a minimum of a Level 3 pass (40 – 49%) (corresponding with an APS of 4) |
| CONSERVATION & MARINE SCIENCES | Diploma in Marine Science | 28 with Maths; 29 with Tech Maths | 30 with Maths; 31 with Tech Maths | | 4 | 4 | 5 | | | 4 | 45% or above in Maths or Physical Sciences if the other one is 50% or above |
| | Diploma in Nature Conservation | 28 with Maths; 29 with Tech Maths; 30 with Maths Literacy | 30 with Maths; 31 with Tech Maths; 32 with Maths Literacy | | 4 | 3 | 4 | 5 | 4 | | |
| MATHEMATICS & PHYSICS | Diploma in Mathematical Sciences | 26 with Maths; 27 with Tech Maths | 28 with Maths; 29 with Tech Maths Other subjects: Physical Sciences (4); or Accounting (4); or Business Studies (4); or Economics (4); or Geography (4) | | 4 | 4 | 5 | | | | 40% or above in Physical Sciences (3); or Accounting (3); or Business Studies (3); or Economics (3); or Geography (3) |
| HORTICULTURAL SCIENCES | Diploma in Horticulture | 28 with Maths; 29 with Tech Maths; 30 with Maths Literacy | 30 with Maths; 31 with Tech Maths; 32 with Maths Literacy | | 4 | 3 | 4 | 5 | 4 | | Subject to space, students may be admitted to the Foundation Programme if they have at least 40% (3) for Life Sciences |
| | Diploma in Landscape Architecture | 28 with Maths; 29 with Tech Maths; 30 with Maths Literacy | 30 with Maths; 31 with Tech Maths; 32 with Maths Literacy | | 4 | 3 | 4 | 5 | 4 | | Subject to space, students may be admitted to the Foundation Programme if they have at least 40% (3) for Life Sciences |

Are these your school subjects?

English

Business Studies

Mathematics

Mathematical Literacy:
For certain courses only

Recommended: Accounting
or Economics

DIPLOMA IN ACCOUNTANCY

Accountants record, process and maintain financial information in a variety of industries. Through further studies graduates also have the potential to start their own Accounting practice or reach senior levels within an organisation.

Who would like this

People who are organised, have strong analytical skills, enjoy keeping records, working with numbers, and compiling reports.

Future career

Most businesses and organisations, including private and governmental, e.g. Fast Moving Consumer Goods (FMCG), state departments, retail industries, etc.

DIPLOMA IN ENTREPRENEURSHIP

Entrepreneurs play a key role in the economy by starting their own businesses, which in turn creates job opportunities, thus contributing to economic development.

Who would like this

Those who are business savvy, innovative, and enthusiastic about starting their own business.

Future career

Self-employment, non-profit organisations (NPOs), non-governmental organisations (NGOs), government organisations or departments, the finance/ investment sector.

DIPLOMA IN EVENT MANAGEMENT

Event managers manage all kinds of events set within any type of environment. They oversee the entire development of an event from conceptualisation to post-event activities to ensure that it meets their client's brief and budget.

Who would like this

Enthusiastic, organised people who enjoy working with others.

Future career

Event companies, marketing companies, corporate environments, and the hospitality industry.

DIPLOMA IN PUBLIC ADMINISTRATION

You will be equipped with managerial and developmental skills for public service at local, provincial and national levels of government. Various areas of public sector management, from public service delivery and policy studies to financial management.

Who would like this

Individuals who have strong interpersonal and organisational skills, and enjoy working with people.

Future career

Administrative and management environments of all three levels of the public sector: local, provincial, and national; semi-state (parastatal) and non-profit organisations (NPOs); education institutions, and the diplomatic corps.

DIPLOMA IN RETAIL BUSINESS MANAGEMENT

The variety of retail and wholesale business is virtually unlimited. Many areas of retail can be explored, such as management, procurement or buying, stock control, merchandising, sales, administration, logistics, house-keeping, or finance.

Who would like this

Those with strong interpersonal and organisational skills, and who would like to develop into successful managers in this sector.

Future career

Department stores, hypermarkets, shopping centres, speciality stores, general dealers, chain stores, supermarkets, factory stores, boutiques and restaurants.

DIPLOMA IN BANKING

This qualification will enable applicants to successfully pursue a career in banking and other financial services institutions.

Who would like this

Persons with strong ethical culture and high capacity to adapt to changes.

Future career

Credit manager or loan officer, risk manager, customer relationship manager, personal banker, assistant branch manager, finance administrator, accountant.

DIPLOMA IN HOSPITALITY AND HOTEL MANAGEMENT

Hospitality managers ensure the smooth running of accommodation establishments. They oversee all hospitality aspects, including reception, housekeeping, general maintenance, budget management, and marketing.

Who would like this

Individuals who enjoy working with people in a very busy environment, and are customer service orientated.

Future career

Hotels, guesthouses, bed and breakfast establishments, and game lodges.

DIPLOMA IN HOSPITALITY AND FOOD & BEVERAGE MANAGEMENT

Food and beverage managers oversee the operation of restaurants, banqueting establishments, and food service establishments. They manage all aspects of offering food and beverage, including staff management, stock control, and a number of other managerial tasks.

Who would like this

Individuals with strong management skills and an interest in the food and beverage industry.

Future career

Restaurants, entertainment and conference venues, banqueting facilities, events companies, catering companies, private and government departments.

DIPLOMA IN HOSPITALITY MANAGEMENT AND PROFESSIONAL COOKERY

Professional cooks create mouth-watering gourmet cuisine and develop new recipes and menus. Graduates can work as chefs in any hospitality environment.

Who would like this

Individuals who enjoy preparing food, learning new recipes, and experiencing new tastes.

Future career

Restaurants, coffee shops, bakeries, entertainment and conference venues, banqueting facilities, events companies, catering companies, private and government departments.

DIPLOMA IN REAL ESTATE

Real estate is about more than just selling property. Become multi-skilled in property marketing, building practice and property valuation services through this course.

Who would like this

People with a keen interest in the property business.

Future career

Real estate agencies, private sector and financial sector.

DIPLOMA IN TOURISM MANAGEMENT

A career in tourism allows for great diversity as well as specialisation. Graduates can work as travel agents, tour guides or in various areas of the travel industry.

Who would like this

Those who are outgoing, are interested in the travel industry, and enjoy working with people.

Future career

Accommodation and hospitality, distribution channels, transportation, travel planning, management and coordination (e.g. regional tourism organisations), and marketing.

DIPLOMA IN HUMAN RESOURCE MANAGEMENT

From recruiting employees to providing training or development and managing employee relations, individuals in HRM are involved in the management of an organisation's most valuable asset: its people.

Who would like this

People who are organised and are interested in both the corporate and public sector's human resources.

Future career

Small and large private organisations and the public sector provide a wealth of opportunities.

DIPLOMA IN MANAGEMENT

You can become involved in the day-to-day management activities of an organisation. Be involved in planning, organising, controlling, coordinating, financial administration, projects and human resource management.

Who would like this

Organised individuals who enjoy working with people.

Future career

Small and large businesses, the public sector, consulting companies, government.

DIPLOMA IN SPORT AND LEISURE MANAGEMENT

From managing sport teams to fitness centres, sports management offers an exciting career in the sport, fitness and wellness industry.

Who would like this

Individuals who are interested in the business aspects of sport.

Future career

Sport clubs, gymnasiums, government, schools, universities and recreation facilities.

DIPLOMA IN MARKETING

Marketing is used by every organisation; it is an exciting and creative field, covering areas such as branding, advertising, market research, sales, and strategic marketing.

Who would like this

Those with strong interpersonal skills, who are passionate, creative and go-getters.

Future career

Marketing, media, and advertising agencies, research organisations, and production companies.

DIPLOMA IN BUSINESS & INFORMATION ADMINISTRATION

Organisations cannot cope without people who are skilled in office management and technology; ensuring the smooth running of an organisation, through a comprehensive range of managerial, technological and communication skills.

Who would like this

Those with good interpersonal and organisational skills.

Future career

A variety of fields in the business, government, corporate and private sectors.

DIPLOMA IN OPERATIONS MANAGEMENT

Explore the strategic management of an organisation's operations and learn how to plan an organisation's budgets, oversee production and ensure quality control.

Who would like this

Organised individuals who enjoy working with technology.

Future career

Production sector and engineering companies.

BACHELOR OF PARALEGAL STUDIES

Paralegal Studies will prepare you for a wide range of existing and emerging careers in the paralegal sector and serves as both a preparatory and screening mechanism for the postgraduate LL.B.

Who would like this

Those with good interpersonal and communication skills who pay attention to detail and have a keen interest in the law and access to justice.

Future career

Careers exist in the private and public sectors, including, government departments, courts, community-based advice offices, law offices and companies.



BACHELOR OF BUSINESS INFORMATICS

The purpose of the degree is to provide a foundation knowledge and interdisciplinary qualification that engage students in deep learning in both combined fields of study of Business and Informatics.

Who would like this

Independent-minded graduates who can apply new ideas and technologies to address business challenges.

Future career

Business/ Information/ Information Systems Architect; Information/ Information Systems Engineer; Systems Analyst/ Designer; Business Process Analyst, Engineer, Manager; Business Analyst; Risk Manager; Requirements Engineer; Business and IT Consultant.

| DEPARTMENT | QUALIFICATION | APS score | METHOD OPTION | ENGLISH (HL or FAL) | MATHS | MATHS LIT | ACC | RECOMMENDATIONS AND FURTHER REQUIREMENTS |
|--|---|-------------------|-----------------|---------------------|---------|-----------|---|---|
| FINANCIAL ACCOUNTING & TAXATION | Diploma in Accountancy | 38 | 3 | 4 | *3 | *5 | *4 | Diploma in Accountancy: English (4) and one of the following: Maths(3), Maths Lit(5) or Acc(4); Diploma in Accountancy (Extended): English (4) and one of the following: Maths(3), Maths Lit(4) or Acc(3). For each of the subjects Maths (excl. Maths Lit) and Accounting, the actual achievement is multiplied by 2. |
| | Diploma in Accountancy (Extended) | 35 | 3 | 4 | *3 | *4 | *3 | |
| ENTREPRENEURSHIP & BUSINESS MANAGEMENT | Diploma in Entrepreneurship | 26 | 1 | 4 | 2 | 4 | | Including one of the following at level 4 (50%) Business Studies, Economics, Accounting and Consumer Studies. Applicants with Technical Maths at level 5 (60%) would be considered. |
| | Diploma in Entrepreneurship (Extended) | 22 | 1 | 4 | 2 | 4 | | |
| GRADUATE CENTRE FOR MANAGEMENT | Diploma in Banking | 24 (M) 26 (ML) | Contact Classes | 4 | 3 | 4 | See note re. subjects | Including one of the following: ICT AND ACC; OR ECO; OR BUS; OR Consumer Studies OR Management Practice OR Financial Management OR Marketing (all at NQF Level 4) All part-time students must provide a letter of full-time employment, preferably in a banking environment. National Certificate (Vocational) (NCV) applicable requirement: (a) At least 60-69% in three of the following fundamental subjects, including the Language of Learning and Teaching (LoLT) of the institution; i) English (official language at first additional language level, 20 credits) at NQF level 4; ii) Mathematics (20 credits) at NQF level 4; iii) Mathematical Literacy (20 credits); (b) At least 60% in four vocational subjects (20 credits each), chosen from the NC (M) Level 4 subjects as stipulated in legislation that align closely to the field of study and the purpose of the qualification. Foreign equivalent qualifications will also be considered upon the advice of the institution's international student office. |
| | Bachelor of Business Informatics | 25 (M) 27 (ML) | | 4 (5.0) | 2 (3.0) | 4 (5.0) | | |
| HUMAN RESOURCE MANAGEMENT | Diploma in Human Resources Management | 26 (M) 28 (ML) | 1 | 4 | 2 | 4 | | Including one of the following: ECO, BUS, ACC (no rating required). Part-time applicants must provide a letter of full-time employment, preferably in an HR environment. |
| | Diploma in Human Resources Management (Extended) | 24 (M) 26 (ML) | 1 | 4 | 2 | 4 | | |
| MANAGEMENT & PROJECT MANAGEMENT | Diploma in Management | 28 (M) 30 (ML) | 1 | 4 | 2 | 4 | | Including one of the following: ECO, BUS, ACC (no rating required). Part-time applicants must provide a letter of full-time employment and preferably have relevant practical (supervisory, management) experience. |
| | Diploma in Management (Extended) | 24 (M) 26 (ML) | 1 | 4 | 2 | 4 | | |
| | Diploma in Printing Management | 26 | 1 | 4 | 2 | 4 | This qualification is available on a part-time basis only for employees in the printing and packaging industries. | |
| MARKETING | Diploma in Marketing | 26 (M) 28 (ML) | 1 | 4 | 2 | 4 | | Part-time applicants must be employed full-time and have relevant practical experience (i.e. marketing-related). |
| | Diploma in Marketing (Extended) | 24 (M) 26 (ML) | 1 | 4 | 2 | 4 | | |
| BUSINESS & INFORMATION ADMINISTRATION | Diploma in Business & Information Administration | 26 (M) 28 (ML) | 1 | 4 | 2 | 4 | | Including one of the following: BUS, ECO, ACC, CAT, IT (no rating required). Part-time applicants must be employed (preferably in an administrative environment), submit a two-page Curriculum Vitae (CV), and a letter of employment from the employer. |
| | Diploma in Business & Information Administration (Foundation) | 24 (M) 26 (ML) | 1 | 4 | 2 | 4 | | |
| OPERATIONS MANAGEMENT | Diploma in Operations Management | 28 | 1 | 4 | 3 | | | |
| PUBLIC ADMINISTRATION & GOVERNANCE | Diploma in Public Administration | 28 | 1 | 4 | 2 | 4 | | Including one of the following: ECO 3 (40%), BUS 3 (40%), ACC 3 (40%) Part-time applicants should preferably be employed full-time in the public sector environment. |
| | Diploma in Public Administration (Extended) | 24 | 1 | 4 | 2 | 3 | | |
| RETAIL BUSINESS MANAGEMENT | Diploma in Retail Business Management | 26 | 1 | 4 | 2 | 4 | | An NSC with at least three years relevant retail experience will also be considered. |
| TOURISM & EVENT MANAGEMENT | Diploma in Tourism Management | 28 (M) 30 (ML) | 1 | 4 | 2 | 4 | | Including one of the following: TOUR, ECO, HS, BUS, ACC, CS, HIS, GEO (no rating required). Applicants must submit a motivation letter detailing their reasons for applying and indicating their understanding of the industry and the possible career prospects. |
| | Diploma in Tourism Management (Extended) | 24 (M) 26 (ML) | 1 | 4 | 2 | 4 | | |
| | Diploma in Events Management | 28 (M) 30 (ML) | 1 | 4 | 2 | 4 | | Including one of the following: TOUR, ECO, HS, BUS, ACC, CAT, IT (no rating required). Applicants must submit a motivation letter detailing their reasons for applying and indicating their understanding of the industry and the possible career prospects. |
| | Diploma in Events Management (Extended) | 24 (M) 26 (ML) | 1 | 4 | 2 | 4 | | |
| SPORT MANAGEMENT | Diploma in Sport and Leisure Management | 25 (M) 27 (ML) | 1 | 4 | 2 | 4 | | Applicants are invited to complete the form entitled "Non-Academic Review Component for Sport Management" in order to inform the prospective student about the Sport Industry, and allow them to indicate their involvement in sport, as well as cultural and leadership activities. |
| | Diploma in Sport and Leisure Management (Extended) | 23 (M) 25 (ML) | 1 | 4 | 2 | 4 | | |
| CAPE TOWN HOTEL SCHOOL | Diploma in Hospitality and Hotel Management | 26 (M) 28 (ML) | 1 | 4 | 2 | 4 | | Including one of the following: ACC, CS, BUS, HS, LS, TOUR (no rating required). Work experience recommended. Informative one on one discussion or telephonic discussion with students to give an overview of the hospitality sector. |
| | Diploma in Hospitality and Food & Beverage Management | 26 (M) 28 (ML) | 1 | 4 | 2 | 4 | | |
| | Diploma in Hospitality Management & Professional Cookery | 26 (M) 28 (ML) | 1 | 4 | 2 | 4 | | |
| UNIT FOR APPLIED ECONOMICS | Diploma in Real Estate | 26 | 1 | 4 | 2 | 4 | | Including one of the following: ECO, BUS, ACC (no rating required). Part-time students must be full-time employed and have relevant practical experience (real estate/property related) |
| APPLIED LEGAL STUDIES | Bachelor of Paralegal Studies | 30 | 1 | 4 | 3 | 4 | | Including one official language at level 4 (Excluding English). |

creating futures in education and teaching

BEd SENIOR PHASE AND FURTHER EDUCATION & TRAINING

You can teach Grade 8 – 12 with the following (FET) electives

Business Management
Economics
Accounting
English
Afrikaans
IsiXhosa
Mathematics
Mathematical Literacy
Physics
Chemistry
Life Sciences
Computer Applications Technology
Engineering Graphic Design

Two FET electives must link to one of the following Senior Phase subjects

Economic & Management Sciences or Economic & Management Sciences (Accounting)
English
Afrikaans
isiXhosa
Mathematics
Natural Sciences
Technology

GENERAL EDUCATION & TRAINING (GET)

DIPLOMA IN GRADE R TEACHING

Currently not offered full-time.

Grade R is offered to those who wish to become a qualified Grade R teacher. Early Childhood Development (ECD) level (4) and/ or (5) (without Matric) with experience in Grade R teaching may also apply. Applicants who intend to register for this Diploma is also required to provide evidence that they are working in a Grade R classroom at a registered WCED ECD centre or school.

A student who wishes to study for the Diploma in Grade R are required to have the following:

Matric with ECD Level (4) and/ or (5)
Experience with age groups 4 years to 6 years
Matric with Educare Level (5).

BEd FOUNDATION PHASE TEACHING

Since Foundation Phase teachers are generalists and have to be able to teach all subjects in the school curriculum, the course provides for a full programme including a strong focus on Inclusive Education, Literacies, Numeracies and Grade R.

BED INTERMEDIATE PHASE TEACHING

This degree will equip you to guide intermediate learners for acquiring the values, knowledge and skills necessary to their holistic development. The Intermediate Phases caters for learners in middle childhood and early adolescence (Grades 4 to 7).

POSTGRADUATE CERTIFICATE IN EDUCATION

The objective of this instructional programme is to provide you with the necessary theory and practical expertise to be efficient and effective educators in the professional world. It will also give you thorough knowledge and background for the competent offering of subjects in the various bands in Further Education & Training (FET).

Successful applicants will have at least an appropriate first degree or NQF Level 6 diploma with subjects that satisfy the current requirements for employment as an educator.

POSTGRADUATE STUDY

BEd Hons in Teaching & Learning (BEd Hons)
Magister Educationis (MEd)
Doctor Educationis (DEd)



| QUALIFICATION | APS METHOD | MINIMUM ADMISSION REQUIREMENTS | ADDITIONAL INFORMATION | COMMENTS/ ADDITIONAL REQUIREMENTS |
|--|------------|--|--|--|
| BACHELOR IN EDUCATION: FOUNDATION PHASE TEACHING | 32 | Home Language (4) First Additional Language (3) (One of the languages must be the language of instruction) | Due to the limited number of spaces available, admission is not guaranteed. Selection will be based on Grade 11 final results for provisional acceptance and for full unconditional acceptance of the final National Senior Certificate (NSC) and school-leaving results. | NSC <ul style="list-style-type: none"> • An official language with a percentage of at least 50% (code rating 4) • Any three other subjects on the NSC 20 credit list with a percentage of at least 50% (code rating 4) • The language of instruction must have been passed with at least 40% (code rating 3) • A percentage of at least 40% (code rating 3) in three other subjects which includes the language of instruction |
| BACHELOR IN EDUCATION: INTERMEDIATE PHASE TEACHING | 32 | Home Language (4) First Additional Language (3) (One of the languages must be the language of instruction) | Due to the limited number of spaces available, admission is not guaranteed. Selection will be based on Grade 11 final results for provisional acceptance and for full unconditional acceptance of the final NSC and school-leaving results. | OR NCV (National Certificate Vocational), Level 4, issued by Council for General and Further Education & Training 1. At least 60% in three fundamental subjects, including the LoLT of the institution: <ul style="list-style-type: none"> • Two official languages at first additional language level: Afrikaans, English, Xhosa (they offer languages only at first additional level) • Mathematics/ Mathematical literacy • Life Orientation |
| BACHELOR IN EDUCATION: SENIOR PHASE and FURTHER EDUCATION & TRAINING (FET) TEACHING | 32 | Home Language (4) First Additional Language (3) (One of the languages must be the language of instruction) Students who wish to choose one or more of the following electives must obtain, at NSC level, at least (50%) in the following subjects: Mathematics Accounting Physical Science Life Sciences Mathematical Literacy (60%) | Due to the limited number of spaces available, admission is not guaranteed. Selection will be based on Grade 11 final results for provisional acceptance and for full unconditional acceptance of the final NSC and school-leaving results. Language of instruction: Mowbray - English Wellington - Afrikaans only | 2. Achieve at least 70% in four vocational subjects, chosen from the NC (V) Level 4 subjects (list in Government Gazette). At least two subjects must be related to the electives in the specific phase the candidate apply for National Senior Certificate (Prior to 2008) matriculation exemption is required. All applications which comply with the minimum criteria will be considered in the next round of selection which could include the consideration of: quality of academic result, admission examinations, interviews, a confidential report requested from the principal of a particular school. |

Are these your school subjects?

English
Mathematics or Mathematical Literacy
Physical Science
Life Science

HIGHER CERTIFICATE (HC) IN EMERGENCY MEDICAL CARE

DIPLOMA IN EMERGENCY CARE

BACHELOR OF EMERGENCY MEDICAL CARE

Emergency Medical Care (EMC) practitioners are often the first healthcare professionals at an emergency scene. They are trained to treat patients that need urgent medical care by performing pre-hospital medical procedures and also perform rescue operations.

Who would like this

People who have an interest in the medical field and who enjoy a challenge.

Future career

Emergency and rescue services, private emergency services, South African National Defence Force, mining industry, as well as international occupational health and safety and emergency services.

HIGHER CERTIFICATE (HC) IN DENTAL ASSISTING

Dental Assistants are trained to assist dentists with the treatment of patients.

Who would like this

People who have an interest in dental care.

Future career

Dental clinics in the state and provincial structures (nationally and internationally), and private practices.

BACHELOR OF HEALTH SCIENCES IN DENTAL TECHNOLOGY

The Dental Technology profession forms part of the larger dental team, responsible for restoring oral function and aesthetic. A dental technologist/technician is engaged with patient-specific dental work, making various dental prostheses.

Who would like this

People who enjoy working with their hands; have a strong interest in medical science, human biology and technology; work hard and pay attention to detail.

Future career

Dental laboratories in state and provincial structures (nationally and internationally), and private laboratories.

BACHELOR OF HEALTH SCIENCES (BHS) IN MEDICAL LABORATORY SCIENCE

Medical Laboratory Scientists play an important role in the healthcare sector by providing information about a patient's state of health by testing for diseases.

Who would like this

People with an analytical mind, who enjoy a challenge and are intrigued by the human body and disease and who would love to work in a laboratory analysing specimens received from patients.

Future career

Laboratories at blood transfusion services, private pathology practices, the National Health Laboratory Services, the Medical Research Council, forensic laboratories, veterinary practices, and pharmaceutical companies.

BACHELOR OF HEALTH SCIENCE IN OPTICIANRY

This career offers the perfect balance between working with people and modern scientific technology. A dispensing optician processes ophthalmic lenses and produces devices to correct defects in a person's vision. This entails screening before eye examinations as well as adjusting, maintaining, and repairing spectacles.

Who would like this

People who have an interest in the medical field and enjoy working with modern technology.

Future career

Private practices, wholesale laboratories, optical companies, public sector hospitals and clinics.

BACHELOR OF NURSING

Nurses play a key role in the health sector. They are trained to administer care to patients and advise on health maintenance and disease prevention. Nurses also work closely with doctors and other health care professionals.

Who would like this

People who are interested in the medical field, are compassionate, and enjoy helping people.

Future career

Hospitals, private emergency services, private practices, physician offices, hospices, private companies, clinics.

BACHELOR OF SCIENCE (BSC) IN MEDICAL IMAGING AND THERAPEUTIC SCIENCES

- Diagnostic Radiography
- Radiation Therapy
- Nuclear Medicine Technology
- Diagnostic Ultrasound

With four different streams to choose from, this career combines a love of working with people with operating modern technology. Radiographers make use of various equipment for the diagnosis and treatment of disease.

Who would like this

People with an interest in medical technology imaging and treatment, and don't mind working with sick people.

Future career

Academic hospitals, community health centres, private and public practice (both nationally and internationally), research institutes.

DIPLOMA IN SOMATOLOGY

Somatologists are trained to assess and provide treatments for skin and body conditions. These treatments improve people's general wellness and aesthetic appearances.

Who would like this

People who have an interest in health and skincare, and who enjoy working with people.

Future career

Health and skincare clinics, cruise liners and spas.



| DEPARTMENT | QUALIFICATION | ***APS score | METHOD OPTION | ENGLISH (HL or FAL) | MATHS | MATHS TECH** | MATHS LIT** | LIFE SCIENCES | PHYSICAL SCIENCES | FURTHER REQUIREMENTS |
|--|--|---|--|---------------------|-------|--------------|-------------|----------------|-------------------|--|
| BIOMEDICAL SCIENCES | BHSc in Medical Laboratory Sciences | 38+ | To find out how to calculate your APS score see method 1 on the reverse of this brochure | 4 | 4 | | | 5 | 4 | |
| | BHSc in Medical Laboratory Sciences (Extended) | 30 – 37 | | 4 | 4 | | | 4 | 4 | Consideration will be given for applicants with a level 3 (min 48%) in either Maths or PS, subject to space availability. |
| DENTAL SCIENCES | HC in Dental Assisting | 25+ | | 3 | 2 | | 3** | 3 | | |
| | BHSc Dental Technology | 33+ | | 4 | 4 | | | 4 | 4 | |
| | BHSc Dental Technology (ECP) | 27+ | | 4 | 3 | | | 4 | 4 | |
| EMERGENCY MEDICAL SCIENCES | HC in Emergency Medical Care | 26+ | | 3 | 3 | 4** | 6** | 3 | 3* | As part of the selection for all EMS programmes you will be invited to a selection interview, medical, physical and environmental assessment |
| | Diploma in Emergency Care | 28+ | | 3 | 3 | | | 3 | 3 | |
| | Bachelor of Emergency Medical Care | 35+ | | 4 | 4 | | | 4 | 4 | |
| | Bachelor of Emergency Medical Care (ECP) | 30 – 34 | | 4 | 4 | | | 4 | 4 | |
| WELLNESS SCIENCES | Diploma in Somatology | 24 (with Maths); 25 (with Maths Literacy) | | 4 | 3 | | 4** | 4 | | |
| NURSING SCIENCE | Bachelor of Nursing | 30+ | | 4 | 4 | | 5** | 4 | 4* | In addition to the application form you will be invited to a selection interview |
| | Bachelor of Nursing (ECP) | 27 – 29 | | 4 | 3 | | 4** | 4 | 4* | |
| OPHTHALMIC SCIENCES | BHSc in Opticianry | 32+ | | 4 | 4 | | 5** | 4 | 4 | |
| MEDICAL IMAGING & THERAPEUTIC SCIENCES | BSc in Diagnostic Radiography | 30+ | | 4 | 4 | | | 4 | 4* | In addition to the application form you will be invited to a selection interview |
| | BSc in Diagnostic Ultrasound | 30+ | | 4 | 4 | | | 4 | 4* | |
| | BSc in Radiation Therapy | 30+ | | 4 | 4 | | | 4 | 4* | |
| | BSc in Nuclear Medicine Technology | 30+ | 4 | 4 | | | 4 | 4 (compulsory) | | |

* = as alternative for Life Sciences ** = as alternative for Maths

***Preference will be given to candidates with higher APS scores

**NB CLOSING DATE:
30 SEPTEMBER**

Architectural Technology
Fashion
Visual Communication Design
Interior Design
Jewellery Design & Manufacture
Product Design

DIPLOMA IN URBAN & REGIONAL PLANNING

Urban and Regional Planners lay out and plan the extension of towns and cities. They perform land appraisals, plan surveys, and analyse and present data by using maps, graphs, diagrams, and sketches.

Who would like this

People with an interest in the management, development and growth of cities, towns and regions, as well as the improvement and regeneration of urban environments.

Future career

Private planning firms, property developers, local and provincial authorities, state departments and non-governmental organisations.

DIPLOMA IN VISUAL COMMUNICATION DESIGN

Visual Communication Designers communicate ideas visually to a range of target markets. Design areas include advertising, branding, corporate identity, digital and interactive design, illustration, packaging, and photography.

Who would like this

Creative individuals who can draw well and enjoy communicating ideas through design.

Future career

Advertising agencies, design studios, printing and publishing houses, brand agencies, in-house design, desk top publishing, promotional design, illustration, interactive, and freelance design.

| DEPARTMENT | QUALIFICATION | APS SCORE | ENGLISH (HL or FAL) | LANGUAGE REQUIREMENTS | MATHS (M) | MATHS LIT (ML) | TECH MATHS | ADDITIONAL REQUIREMENTS |
|--|--|-----------------------|---------------------|---------------------------------|-----------|----------------|------------|---|
| ARCHITECTURAL TECHNOLOGY & INTERIOR DESIGN | Diploma in Architectural Technology | 30 with M; 32 with ML | 4 | | 4 | 6 | 5 | |
| | Extended Curriculum Architectural Technology | 26 with M; 28 with ML | 4 | | 3 | 5 | 4 | |
| | Diploma in Interior Design | 30 with M; 32 with ML | 4 | | 4 | 6 | 5 | |
| | Extended Curriculum Interior Design | 26 with M; 28 with ML | 4 | | 3 | 5 | 4 | |
| APPLIED DESIGN | Diploma in Fashion | 28 with M & ML | 4 | | 3 | 5 | 4 | |
| | Extended Curriculum Fashion | 26 with M & ML | 4 | | 2 | 4 | 3 | |
| | Diploma in Visual Communication Design | 28 with M & ML | 4 | | 3 | 5 | 4 | |
| | Extended Curriculum Visual Communication Design | 26 with M & ML | 4 | | 2 | 4 | 3 | |
| | Diploma in Product Design | 28 with M & ML | 4 | | 3 | 5 | 4 | |
| | Extended Curriculum Product Design | 26 with M & ML | 4 | | 2 | 4 | 3 | |
| | Diploma in Jewellery Design & Manufacture | 28 with M & ML | 4 | | 3 | 5 | 4 | |
| | Extended Curriculum Jewellery Design and Manufacture | 26 with M & ML | 4 | | 2 | 4 | 3 | |
| MEDIA STUDIES | Diploma in Film Production | 30 | 5 | | | | | |
| | Diploma in Photography | 30 | 4 | | | | | |
| | Diploma in Journalism | 28 with M; 30 with ML | 5 | HL or FAL: 50% (Excl. English) | 3 | 4 | 4 | |
| | Diploma in Public Relations & Communication | 28 with M; 30 with ML | 5 | HL or FAL: 50% (Excl. English) | 2 | 4 | 3 | |
| INFORMATION TECHNOLOGY | Diploma in Applications Development | 28 with M; 30 with ML | 4 | | 3 | 5 | 4 | |
| | Diploma in Communication Networks | 28 with M; 30 with ML | 4 | | 3 | 5 | 4 | |
| | Diploma in Multimedia Applications | 28 with M; 30 with ML | 4 | | 3 | 5 | 4 | |
| | Higher Certificate in ICT | 24 with M; 26 with ML | 4 | | 3 | 5 | 4 | |
| TOWN & REGIONAL PLANNING | Diploma in Urban & Regional Planning | 28 with M; 30 with ML | 4 | HL or FAL (Excluding English) 4 | 4 | 5 | 5 | Compulsory: Geography (4) or Economics (4) or Business Studies (4) or Tourism (4) |

Subject to the space availability, consideration will be given for admitting students to the Design ECP programmes with: English (4); Mathematics (2) or Mathematical Literacy (4) or Technical Mathematics (3) for the following programmes only: Diploma in Fashion Design (ECP), Diploma in Visual Communication Design (ECP), Diploma in Jewellery Design and Manufacture (ECP), Diploma in Product Design (ECP). Meeting these requirements does not automatically imply that applicants will be accepted. First option for admission, selection and placement will be given. Pre-2008 matriculants must contact the faculty office for information.

NB: Please note that Technical Maths is not a compulsory subject, it merely caters for the TVET students. This applies to all of the courses.

Are these your school subjects?

English
Mathematics
Physical Science

DIPLOMA IN GEOMATICS BACHELOR OF GEOMATICS (SPECIALISING IN SURVEYING OR GEOGRAPHIC INFORMATION SCIENCE)

Geomatics is an umbrella term, and includes the tools and techniques used in the disciplines of land surveying, photogrammetry, remote sensing, geographic information systems (GIS), geodesy, and cartography. A surveyor is responsible for the collection, representation and management of spatial data. GIS practitioners are responsible for analysing, modelling, and presenting spatial information. Graduates work with spatial information and would be able to manipulate data and provide information about the earth to planners, engineers, environmental managers, and the commerce sector.

Who would like this

Those interested in geography, computer science, mathematics, science, physics and information technology; have an aptitude for design, and love variety and working both indoors and outdoors.

Future career

Research institutes, private corporations, government departments, land surveying firms, municipalities, and self-employment.

DIPLOMA IN CONSTRUCTION

From managing the construction of new roadways to stadiums, our graduates with a building qualification are sought after in industry. They are involved in all management aspects in the construction industry.

All applicants must score 25 unweighted NSC points as per table below (scores for Life Orientation must be excluded from the points calculation):

| NSC Rating | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|------------|--------|-------|-------|-------|-------|-------|------|
| NSC % | 80-100 | 70-79 | 60-69 | 50-59 | 40-49 | 30-39 | 0-29 |

Who would like this

People who are interested in the construction industry and who have strong mathematical skills.

Future career

Construction companies, consulting engineering companies and self-employment.

DIPLOMA IN CHEMICAL ENGINEERING BACHELOR OF ENGINEERING TECHNOLOGY IN CHEMICAL ENGINEERING

Ever wondered how petrol, aspirin, vinegar, paint or gold are produced? Chemical Engineering graduates will be able to tell you the answer. These professionals are trained to convert raw materials into high value products using processing and design principles. e.g. the production of petrol and diesel from crude oil and the manufacture of chemicals, explosives, fertilizers and plastics.

Who would like this

People who have strong mathematical, science and problem-solving skills.

Future career

Petroleum refineries, mines, chemical processing and pharmaceutical industries, food processing and agro-allied industries; environmental engineering, financial houses, government and research organisations.

DIPLOMA IN CIVIL ENGINEERING BACHELOR OF ENGINEERING TECHNOLOGY IN CIVIL ENGINEERING

Civil Engineers maintain and adapt the infrastructure that we depend on every day – our roads, railways and bridges; energy and water supply; waste networks and flood defences.

Who would like this

Individuals who are innovative, logical, creative and have strong problem-solving skills.

Future career

Consultants, contractors and government agencies.

DIPLOMA IN CLOTHING AND TEXTILE TECHNOLOGY

If you are interested in a career as a clothing technologist, clothing buyer, production manager or stylist, then this course is the right fit for you. These professionals plan and control the production, manufacturing and retail sectors of the clothing industry.

Who would like this

Individuals with good organisational skills, and who are natural planners.

Future career

Clothing industry, Textile industry, and the Retail sector.

DIPLOMA IN ENGINEERING TECHNOLOGY IN ELECTRICAL ENGINEERING

BACHELOR OF ENGINEERING TECHNOLOGY IN ELECTRICAL ENGINEERING

DIPLOMA IN ENGINEERING TECHNOLOGY IN COMPUTER ENGINEERING

BACHELOR OF ENGINEERING TECHNOLOGY IN COMPUTER ENGINEERING

Electrical and Computer Engineers are the driving force behind the technological age. With this qualification graduates can choose to work in various sectors of the electrical and computer engineering industry.

Who would like this

Individuals who enjoy electronics and who have strong mathematical skills.

Future career

Electrical engineering companies, municipalities, Eskom, research and training organisations, and facility management companies.

DIPLOMA IN INDUSTRIAL ENGINEERING

Industrial Engineers optimise complex processes and systems, manufacturing methods, plant layout and materials handling, production control, purchasing and stock control, quality control, work standards and industrial economics. Their main task is to ensure that the most effective and efficient processes are used to ensure improved productivity in industry.

Who would like this

Individuals with strong planning and organisational skills and who are interested in the engineering or service sector.

Future career

All manufacturing firms and service-based organisations.

BACHELOR OF NAUTICAL SCIENCE

Maritime Studies graduates are seeing the world. An internationally recognised qualification, these professionals are trained to work aboard ships, with their duties ranging from navigating to supervising cargo operations in the ports. They are employed by the Merchant Navy as Navigators.

Who would like this

Individuals who have a love for the ocean and who are interested in shipping.

Future career

Shipping and maritime industry.

DIPLOMA IN MECHANICAL ENGINEERING

Graduates use mechanical engineering techniques and mechanical engineering knowledge to solve engineering problems. This exciting career offers graduates a wide choice of career paths, from manufacturing race cars to building satellites.

Who would like this

Individuals who have strong analytical skills and who are interested in engineering.

Future career

Mining companies, automotive plants, engineering and production companies, building service contractors and consulting engineers.

DIPLOMA IN MECHANICAL ENGINEERING IN MECHATRONICS

From designing machines that bottle cool drinks to labelling packages, graduates make use of their skills in electronics, software and mechanical engineering for the design and manufacture of products and processes.

Who would like this

Individuals who are interested in all areas of engineering and who enjoy solving problems.

Future career

Manufacturing companies, engineering consulting agencies.

BACHELOR OF MARINE ENGINEERING

Graduates from this programme have combined their love for shipping with their interest in mechanical engineering. An internationally-recognised qualification, these professionals' tasks include maintenance of the marine engineering propulsion plant and equipment.

Who would like this

Individuals who have a love for the ocean and who are interested in shipping.

Future career

Shipping and maritime industry.



| | | MINIMUM ADMISSION REQUIREMENT (NATIONAL SENIOR CERTIFICATE) | | | | | | | | | | M (Maths) ML (Mathematical Literacy) TM (Technical Maths) | ES (Engineering Science) PS (Physical Science) | ET (Electrical Technology) TS (Technical Science) |
|--|--|--|----------------------------------|----------------|---------|-------|------------|-----------|------------------|--------------|---|---|---|--|
| DEPARTMENT | QUALIFICATION | APS SCORE | | APS METHOD | ENGLISH | MATHS | TECH MATHS | MATHS LIT | PHYSICAL SCIENCE | TECH SCIENCE | FURTHER REQUIREMENTS | National Certificate (NC) | National Certificate (Vocational) | |
| | | Mainstream | ECP | | | | | | | | | | | |
| | | Mathematical Literacy (ML) is not accepted within the Faculty of Engineering & the Built Environment (except for Clothing & Textile Technology). A National Senior Certificate (NSC) as certified by Umalusi with an achievement rating as seen below. | | | | | | | | | | English Language equivalent to the National Senior Certificate | A National Certificate (Vocational) at level (4) | |
| CHEMICAL ENGINEERING | Diploma in Chemical Engineering | 30 | 27 - 29 23 - 26 Waitlist | Method 2 | 4 | 4 | 5 | -- | 4 | -- | -- | M (N4) – 60% ES (N4) – 60% | E (5) (60 – 69%) M (5) (60 – 69%) ES (3) with 60% | |
| | Bachelor of Engineering Technology in Chemical Engineering | 36 | -- | Method 2 | 5 | 5 | 5 | -- | 5 | -- | -- | M (N4) – 60% ES (N4) – 60% | E (5) (60 – 69%) M (5) (60 – 69%) PS (3) with 60% | |
| CIVIL ENGINEERING & SURVEYING | Diploma in Civil Engineering | 30 | 27 - 29 23 - 26 Waitlist | Method 2 | 4 | 4 | 5 | -- | 4 | 5 | -- | M (N4) – 60% ES (N4) – 60% | E (5) (60 – 69%) M (5) (60 – 69%) ES (3) with 60% | |
| | Diploma in Geomatics (Combining Surveying & Cartography) | 30 | -- | | 4 | 4 | 5 | -- | 4 | 5 | -- | M (N4) – 60% ES (N4) – 60% | E (5) (60 – 69%) M (5) (60 – 69%) ES (3) with 60% | |
| | Bachelor of Engineering Technology in Civil Engineering | 36 | -- | Method 2 | 5 | 5 | 5 | -- | 5 | 5 | -- | M (N4) – 60% ES (N4) – 60% | E (5) (60 – 69%) M (5) (60 – 69%) ES (3) with 60% | |
| | Bachelor of Geomatics | | | | | | | | | | | | | |
| CLOTHING & TEXTILE TECHNOLOGY | Diploma in Clothing & Textile Technology | 26 with M (3); 28 with ML (4) | 26 with M (3); 28 with ML (4) | Method 1 | 4 | 3 | 5 | 4 | -- | -- | Online selection test | M (N4) – 50% Clothing Production (N4) – 60% | E (5) (60 – 69%) ML (5) (60-69%) or M (3) (40-49%) | |
| CONSTRUCTION MANAGEMENT & QUANTITY SURVEYING | Diploma in Construction | 25 | 23 – 24 | Use NSC rating | 4 | 4 | 5 | -- | -- | -- | Recommended: Any of the following: ACC (3), BUS (3), ECON (3), CIVT (3), EGD (3), CAT (3), IT (3), PS (3), TS (3) | M (N4) – 60% | E (5) (60 – 69%) M (5) (60 – 69%) | |
| ELECTRICAL, ELECTRONIC & COMPUTER ENGINEERING | Diploma in Engineering Technology in Electrical Engineering | 30 | 27 - 29 23 - 26 Waitlist | Method 2 | 4 | 4 | 5 | -- | 4 or ET 4 | 5 | Recommended: One of the following: CAT (4), IT (4), ELECT (4) | M (N4) – 60% ES (N4) – 60% Electrotechnics (N4) 60% Digital Electronics (N4) 60% | E (5) (60 – 69%), M (5) (60 – 69%) At least 3 of the following: ES (3) with 60%, Electrical Principles and Practice (3) with 60%, Electronic Control and Digital Electronics (3) with 60%, Electrical Workmanship (3) with 60% | |
| | Diploma in Engineering Technology in Computer Engineering | | | | 4 | 4 | 5 | -- | 4 or ET 4 | 5 | Recommended: One of the following: CAT (4), IT (4), ELECT (4) | M (N4) – 60% ES (N4) – 60% Electrotechnics (N4) 60% Digital Electronics (N4) 60% | E (5) (60 – 69%), M (5) (60 – 69%) At least 3 of the following: ES (3) with 60%, Electrical Principles and Practice (3) with 60%, Electronic Control and Digital Electronics (3) with 60%, Electrical Workmanship (3) with 60% | |
| | Bachelor of Engineering Technology in Electrical Engineering | 36 | -- | Method 2 | 5 | 5 | 5 | -- | 5 or ET 5 | 5 | Recommended: One of the following: CAT (5), IT (5), ELECT (5) | M (N4) – 60% ES (N4) – 60% Electrotechnics (N4) 60% Digital Electronics (N4) 60% | E (5) (60 – 69%), M (5) (60 – 69%) At least 3 of the following: ES (3) with 60%, Electrical Principles and Practice (3) with 60%, Electronic Control and Digital Electronics (3) with 60%, Electrical Workmanship (3) with 60% | |
| | Bachelor of Engineering Technology in Computer Engineering | | | | 5 | 5 | 5 | -- | 5 or ET 5 | 5 | Recommended: One of the following: CAT (5), IT (5), ELECT (5) | M (N4) – 60% ES (N4) – 60% Electrotechnics (N4) 60% Digital Electronics (N4) 60% | E (5) (60 – 69%), M (5) (60 – 69%) At least 3 of the following: ES (3) with 60%, Electrical Principles and Practice (3) with 60%, Electronic Control and Digital Electronics (3) with 60%, Electrical Workmanship (3) with 60% | |
| INDUSTRIAL & SYSTEMS ENGINEERING | Diploma in Industrial Engineering | 30 | 27 - 29 23 - 26 Waitlist | Method 2 | 4 | 4 | 5 | -- | 4 | 5 | Recommended: MECHT (3) | E (N4) - 60% M (N4) - 60% ES (N4) - 60% | E (5) (60 – 69%) M (5) (60 – 69%) ES (3) with 60% | |
| MECHANICAL ENGINEERING | Diploma in Mechanical Engineering | 30 | 27 - 29 23 - 26 Waitlist | Method 2 | 4 | 4 | 5 | -- | 4 | 5 | Recommended: One of the following: ELECT (3), EGD (3), MECHT (3) | E (N4) - 60% M (N4) - 60% ES (N4) - 60% | E (5) (60 – 69%) M (5) (60 – 69%) ES (3) with 60% | |
| | Diploma in Mechanical Engineering (Mechatronics) | 30 | -- | Method 2 | 4 | 4 | 5 | -- | 4 | 5 | Recommended: One of the following: ELECT (4), EGD (4), MECHT (4) | E (N4) - 60% M (N4) - 60% ES (N4) - 60% | E (5) (60 – 69%), M (5) (60 – 69%), ES (3) with 60% Recommended: Electro Technology (3) (50 – 69%), Mechatronic Systems (3) (50 – 69%) | |
| MARITIME STUDIES | Bachelor of Marine Engineering | 36 | -- | Method 2 | 4 | 5 | 5 | -- | 5 | 5 | Eyesight and Medical at approved SAMSA Medical Practitioner | M (N4) - 70% PS (N4) - 70% | E (4) M (6) PS (4) | |
| | Bachelor of Nautical Science | | | | 4 | 5 | 5 | -- | 5 | 5 | | | | |
| | Bachelor of Marine Engineering ECP | -- | 31-35 28 - 30 Waitlist | Method 2 | 4 | 4 | 4 | -- | 4 | 4 | M (N4) - 60% PS (N4) - 60% | E (5) M (5) PS (3) | | |
| | Bachelor of Nautical Science ECP | | | | 4 | 4 | 4 | -- | 4 | 4 | | | | |

Subject to the space availability, consideration will be given for admitting students to the ECP programmes with: English (4); with one of either Mathematics, Physical Science (4), and the other (3), with a minimum of 45%, or Technical Maths/ Technical Science (5) and the other (4) with a minimum of 55% for the following programmes only: Diploma in Chemical Engineering (ECP), Diploma in Civil Engineering (ECP), Diploma in Industrial Engineering (ECP), Diploma in Mechanical Engineering (ECP), Diploma in Engineering Technology in Electrical Engineering (ECP), or Diploma in Engineering Technology in Computer Engineering (ECP). Meeting these requirements does not automatically imply that applicants will be accepted. First option for admission, selection and placement will be given. Pre-2008 Matriculants must contact the faculty office for information.