

2017



ADMISSION REQUIREMENTS

creating futures

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Cape Peninsula
University of Technology

OUR CAMPUSES

BELLVILLE CAMPUS

FACULTY OF APPLIED SCIENCES

Analytical Chemistry
Food Technology
Horticulture
Landscape Technology
Mathematical Technology

Engineering: Computer Systems
Engineering: Electrical
Engineering: Industrial
Engineering: Mechanical
Engineering: Mechatronics
Quality (BTech only)
Surveying

FACULTY OF BUSINESS & MANAGEMENT SCIENCES

(part-time only):
Accountancy leading to:
Cost and Management
Accounting, Internal Auditing
Marketing (Including BTech)
Human Resources
Management
Management
Operations Management
Public Management

FACULTY OF ENGINEERING

Building, leading to
Construction Management and
Quantity Surveying
Cartography (GISc)
Clothing Management
Engineering: Chemical
Engineering: Civil

FACULTY OF HEALTH AND WELLNESS SCIENCES

Dental Assisting (Tygerberg
Hospital campus)
Dental Technology (Tygerberg
Hospital campus)
Emergency Medical Care
Medical Laboratory Science
Basic Nursing (Athlone,
George and Worcester)
Radiography (Diagnostic,
Therapy, Nuclear Medicine,
Ultrasound)
Post-basic Nursing

CAPE TOWN CAMPUS

FACULTY OF APPLIED SCIENCES

Analytical Chemistry
Biotechnology
Consumer Science: Food and
Nutrition
Environmental Health
Environmental Management
Marine Science
Nature Conservation

FACULTY OF BUSINESS & MANAGEMENT SCIENCES

Accountancy leading to:
Cost & Management
Accounting and Internal
Auditing
Entrepreneurship
Events Management
Financial Information Systems
Human Resource Management
Management
Marketing
Office Management and
Technology
Printing Management
Public Management
Real Estate
Retail Business Management
Tourism Management

FACULTY OF ENGINEERING

Engineering: Chemical

FACULTY OF HEALTH AND WELLNESS SCIENCES

Optical Dispensing
Somatology

FACULTY OF INFORMATICS AND DESIGN

Architectural Technology
Fashion
Film Production
Visual Communication Design
Higher Certificate in Information
& Communication Technology
Information & Communication
Technology
Interior Design
Jewellery Design and
Manufacture
Journalism
Photography
Public Relations & Communication
Surface Design
Product Design, leading to the
BTech Industrial Design
Urban & Regional Planning

GRANGER BAY CAMPUS

FACULTY OF BUSINESS & MANAGEMENT SCIENCES

Hospitality Management:
Accommodation, Food and
Beverage or Professional
Cookery

FACULTY OF ENGINEERING

Engineering: Mechanical:
Marine Engineering
Maritime Studies

MOWBRAY CAMPUS

FACULTY OF BUSINESS & MANAGEMENT SCIENCES

Sports Management

FACULTY OF EDUCATION

BEEd in Senior Phase and
Further Education and Training

Teaching (Grade 8 to Grade 12)
Diploma in Education: Grade R
(part-time only)
BEEd in Foundation Phase
Teaching (Grade R to 3)
BEEd in Intermediate Phase
Teaching (Grade 4 to 7)



Cape Peninsula
University of Technology

WELLINGTON CAMPUS

FACULTY OF APPLIED SCIENCES

Agricultural Management
Agriculture (Animal Production,
Crop Production or Viticulture
and Oenology)

FACULTY OF BUSINESS & MANAGEMENT SCIENCES

Accountancy leading to:
Cost & Management
Accounting and Internal
Auditing
Office Management and

Technology
Sports Management
Tourism Management

FACULTY OF EDUCATION

BEEd in Senior Phase and
Further Education and Training
Teaching (Grade 8 to Grade 12)
Diploma in Education: Grade R
BEEd in Foundation Phase
Teaching (Grade R to 3)
BEEd in Intermediate Phase
Teaching (Grade 4 to 7)

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

INTERESTED IN APPLYING TO CPUT?

CLOSING DATES

Admission dates are subject to change.

31 JULY

Architectural Technology, Fashion, Visual Communication Design, Interior Design, Jewellery Design & Manufacture, Surface Design and Product Design

31 AUGUST

International applicants

30 SEPT

South African applicants and all other undergraduate programmes (including BTech programmes)

VISIT OUR WEBSITE WWW.CPUT.AC.ZA FOR UPDATES

You must pay a R100 non-refundable fee for manual application. You must attach the original proof of payment to your application form.

You should track the progress of your application status on www.cput.ac.za/study/track.

Official application status letters are now available for download.

**BE SMART.
APPLY EARLY.**

7 STEPS TO APPLY AT CPUT

- 1** Choose a qualification
- 2** Get an application form
- 3** Gather your documents
- 4** Fill in the application form
- 5** Pay the application fee
- 6** Send in your form and documents
- 7** Follow-up and get your admission status

ARE YOU AN INTERNATIONAL APPLICANT?

YOU HAVE TO MEET THE FOLLOWING CRITERIA:

International prospective applicants can download the University South Africa (USAF) document on matric equivalence for entry to SA Universities mb.usaf.ac.za

International Student guide

International prospective applicants can download the Office of International Affairs' (OIA) guideline document at www.cput.ac.za/students/life/international and the application form for further details.

THE FOLLOWING DOCUMENTS ARE REQUIRED:

- ✓ All qualification documents
- ✓ Academic transcripts
- ✓ Final certificate
- ✓ SAQA certificate

Certificates in foreign languages should be submitted, together with English translations done by a sworn translator.

Once you receive an official letter of acceptance and letter of intent from the Application & Registration Centre at CPUT, apply to the SA Trade Representative closest to your home for a study permit.

study visas

International applicants must apply for a **Student Permit by completing Form BI-1738**

You can apply at the Department of Home Affairs or if you are applying from your home country then apply to the SA High Commission.

Students using a passport should register to study with a valid Study Permit, which clearly indicates the name of the institution and the duration.

WHAT YOU WILL PAY

Our course fees vary, are reviewed annually and are subject to change. Here's what you should know:

Fees are payable in advance and are **not refundable**

- **R1 750.00:** payable within two weeks of confirmation of acceptance of first year students. *(subject to change)*
- **R1 750.00:** credited to the account of the student. Should you fail to take up your place then this amount will not be refunded. *(subject to change)*
- **R3 500.00:** paid in full before registration in January. *(subject to change)*

The balance of your fees must be paid in either:
2 instalments by 28 February and 31 August, or
10 monthly instalments, from February to November

DISCOUNT FOR APPLICANTS

5%

If payment in full is received for annual fees **before 14 February**

2.5%

For first semester fees paid in full **before 14 February**

2.5%

For second semester if fees are received **before 14 August**

IN NEED OF FINANCING?

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

CAPE TOWN CAMPUS _____ 021 460 3744

BELLVILLE CAMPUS _____ 021 959 6371

WELLINGTON CAMPUS _____ 021 864 5218

In addition to the payment listed for South African applications at registration, all foreign applicants (excluding refugees) must pay:

- **R1 500 administrative fee** (non-refundable once-off payment for all applicants registering for the first time – except for refugees and applicants with permanent residence in SA)
- **An upfront payment of 50%** of the anticipated fees for the year
- The balance of the fees for the year must be paid by **31 May of the year of study**. *(subject to change)*

International applicants (except those from African and SADC countries and refugees) **pay TWO times** the fees paid by South African students.

DO YOU HOLD A NATIONAL SENIOR CERTIFICATE (NSC)?

GROUP A

FUNDAMENTAL COMPONENT

LANGUAGES 20 credits each

Two official languages at Home and First Additional Language level *

- A** = Afrikaans Home Language OR Afrikaans First Additional Language
- E** = English Home Language OR English First Additional Language
- AE** = Afrikaans or English, Home or First Additional Language
- FAL** = First Additional Language
- HL** = Home Language (Any two of: Afrikaans, English, IsiNdebele, IsiXhosa, IsiZulu, Sepedi, Sesotho, Setswana, SiSwati, Tshivenda or Xitsonga)

MATHEMATICAL SCIENCES 20 credits each

- M** = Mathematics *
- ML** = Mathematical Literacy *

HUMAN AND SOCIAL STUDIES 10 credits each

- LO** = Life Orientation

* Designated subjects

GROUP B

RECOGNISED NSC ELECTIVES 10 credits each

AGRICULTURE

- AMP** = Agricultural Management Practices
- AS** = Agricultural Science *
- AT** = Agricultural Technology

CULTURE AND ARTS

- DANCE** = Dance Studies
- DES** = Design
- DRAMA** = Dramatic Arts *
- MUS** = Music *
- VA** = Visual Arts *

BUSINESS, COMMERCE AND MANAGEMENT STUDIES

- ACC** = Accounting *
- BUS** = Business Studies *
- ECON** = Economics *

ENGINEERING AND TECHNOLOGY

- CIVT** = Civil Technology
- ELECT** = Electrical Technology
- MECHT** = Mechanical Technology
- EGD** = Engineering Graphics and Design *

HERE ARE YOUR DESIGNATED SUBJECTS:

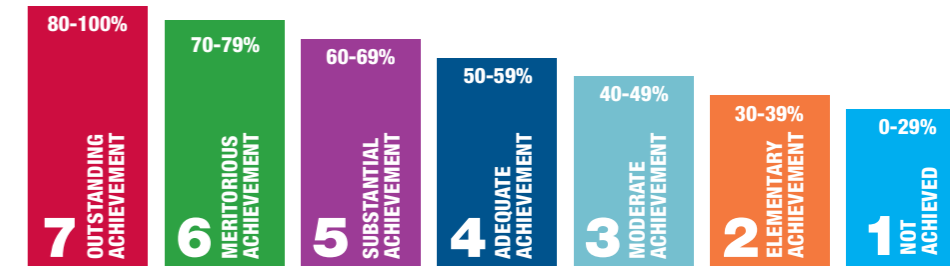


TABLE A – National Curriculum Statement and NCV Group A subject rating

HUMAN AND SOCIAL STUDIES

- GEO** = Geography *
- HIS** = History *
- RELS** = Religion Studies *

PHYSICAL, MATHEMATICAL, COMPUTER AND LIFE SCIENCES

- CAT** = Computer Applications Technology
- IT** = Information Technology *
- LS** = Life Sciences *
- PS** = Physical Sciences *

SERVICES

- CS** = Consumer Studies *
- HS** = Hospitality Studies
- TOUR** = Tourism

DO YOU HOLD A NATIONAL CERTIFICATE (VOCATIONAL)?

GROUP A

FUNDAMENTAL COMPONENT

LANGUAGES 20 credits each

Official language at First Additional Language Level 4

A(FAL) = Afrikaans (First Additional Language)

E(FAL) = English (First Additional Language)

X(FAL) = Xhosa (First Additional Language)

MATHEMATICAL SCIENCES 20 credits each

M = Mathematics

ML = Mathematical Literacy

HUMAN AND SOCIAL STUDIES 10 credits each

LO = Life Orientation

If you hold a National Certificate (Vocational) and would like to apply to study Business or Engineering, then you must 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 and Engineering courses
- ✓ You may be required to write proficiency tests as part of the admission requirements

GROUP B

COMPONENT (NCV LEVEL 4 SUBJECTS) 10 credits each

AGRICULTURE AND NATURE CONSERVATION

ABV = Agri-Business

APV = Animal Production

APPV = Advanced Plant Production

FPMV = Farm Planning and Mechanisation

BUSINESS COMMERCE AND MANAGEMENT

AAV = Applied Accounting

APV = Advertising and Promotions

BPV = Business Practice

CPV = Consumer Behavior

CCOV = Contact Centre Operations

EEV = Economic Environment

FPV = Financial Planning

MPV = Management Practice

MARV = Marketing

MCV = Marketing Communication

NVCV = New Venture Creation

OPV = Office Practice

ODPV = Office Data Processing

OMV = Operations Management

PMV = Project Management

EDUCATION, TRAINING AND DEVELOPMENT

ASTV = Art and Science of Teaching

ECDV = Early Childhood Development

HSDV = Human and Social Development

LPV = Learning Psychology

LAW, MILITARY SCIENCE AND SECURITY

APV = Applied Policing

CJPV = Criminal Justice Process

CRIV = Criminology

GOVV = Governance

LEPV = Law Procedures and Evidence

MANUFACTURING, ENGINEERING AND TECHNOLOGY

AEPV = Applied Engineering Practices

ARMV = Automotive Repair and Maintenance

CRWV = Carpentry and Roof Work

CIMV = Computer-integrated Manufacturing

CSV = Concrete Structures

CPLV

= Construction Planning

CSV = Construction Supervision

ECDEV = Electrical Control and Digital Electronics

EPPV = Electrical Principles and Practice

ESCV = Electrical Systems and Construction

EWV = Electrical Workmanship

ETV = Electrotechnology

EFBV = Engineering Fabrication - Boiler making

EFSV = Engineering Fabrication - Sheet Metal Worker

EPV = Engineering Processes

FTV = Fitting and Turning

MASV = Masonry

MATV = Materials

MSV = Mechatronic Systems

PLUV = Plumbing

PEPV = Professional Engineering Practices

RCPV = Refrigeration and Air-conditioning Processes

ROAV = Roads

SPSV = Stored Programme Systems

TECV = Technology

WELV = Welding

PHYSICAL, MATHEMATICAL, COMPUTER AND LIFE SCIENCES

CPV = Computer Programming

DCNV = Data Communication and Networking

PSV = Physical Science

SADV = Systems Analysis and Design

Services

CSHRV = Client Services and Human Relations

FPV = Food Preparation

HGV = Hospitality Generics

HSV = Hospitality Services

STV = Science of Tourism

STITV = Sustainable Tourism in SA and International Travel

TOV = Tourism Operations

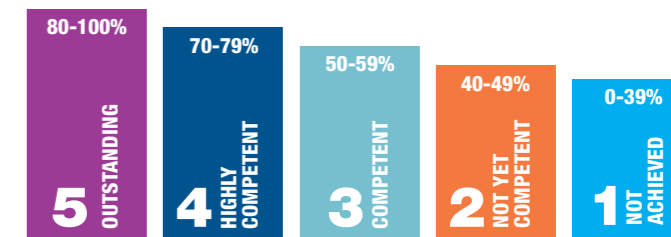


TABLE B – Group B NCV subject rating

CALCULATING THE APS SCORE

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

You must meet the individual subject admission requirements for the qualification. In addition you must also meet the minimum 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
Phys 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	



DIPLOMA IN AGRICULTURE AND AGRICULTURAL MANAGEMENT

- Agricultural Management
- Animal Production
- Crop production
- Viticulture and Oenology

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

3 years

Who would like this:
People who enjoy working outdoors and are interested in the agriculture sector.

Job opportunities:
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.

3 years

Who would like this:
People who enjoy science and laboratory work.

Job opportunities:
Pharmaceutical companies, chemical manufacturers, the food industry.



DIPLOMA IN ANALYTICAL CHEMISTRY

Chemistry is a "central science" which involves many scientific fields. Chemistry deals with matter and its changes. Chemists are concerned with the production and use of energy. Chemistry also seeks to understand the composition of substances and then apply this knowledge to meet society's needs.

3 years

Who would like this:
People who enjoy science and laboratory work.

Job opportunities:
Mining, pharmaceutical, forensics, education, petrochemical, agriculture, food companies or industry.



DIPLOMA IN CONSUMER SCIENCE IN FOOD AND 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.

3 years

Who would like this:
People who have a passion for food and an interest in the well-being of the consumer.

Job opportunities:
Convenience food manufacturing industry, retail industry, food service industry.



DIPLOMA IN ENVIRONMENTAL MANAGEMENT

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

3 years

Who would like this:
People who are interested in protecting the environment.

Job opportunities:
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.

4 years

Who would like this:
People who are interested in working in the outdoor environment and within communities.

Job opportunities:
Environmental Health Practitioners operate within the district health system of South Africa. Local authorities are the guardians of environmental health and are the main employers

DEPARTMENT	QUALIFICATION	MINIMUM ADMISSION REQUIREMENTS								COMMENTS
		APS SCORE		METHOD OPTION	ENGLISH (HL or FAL)	MATH	MATH LITERACY	LIFE SCIENCES	PHYSICAL SCIENCES	
AGRICULTURE	Agriculture	26			4	3		4	3	Life Science OR Physical Science OR Geography OR Agricultural Science OR Economics
	Agricultural Management	26 with Math OR 28 with Math Literacy			4	3	5	4	3	Life Science OR Physical Science OR Geography OR Agricultural Science OR Economics Or Agricultural Technology OR Agricultural Management Practice
CHEMISTRY	Analytical Chemistry	ECP 27	Mainstream 30		4	4			4	
BIOTECHNOLOGY AND CONSUMER SCIENCES	Biotechnology	ECP 26	Mainstream 28		4	4			4	
	Consumer Science: Food & Nutrition	24 with Math OR 25 with Math Literacy	ECP 27 with Math OR 28 with Math Literacy		4	3	4	4	4	Physical Science OR Life Science
ENVIRONMENTAL & OCCUPATIONAL STUDIES	Environmental Health	30			4	4			4	
	Environmental Management	ECP 25 with Math OR 27 with Math Literacy	Mainstream 30 with Math OR 32 with Math Literacy		4	3	5	3	3	Either Mathematics or Mathematical Literacy
FOOD SCIENCE AND TECHNOLOGY	Food Technology	ECP 26	Mainstream 28		4	YES*		YES*	YES*	Two scores of NSC 4 in the Physical Sciences, Math and Life Sciences cluster and 1 NSC 3.
HORTICULTURAL SCIENCES	Horticulture	ECP 25 with Math OR 27 with Math Literacy	Mainstream 30 with Math OR 32 with Math Literacy		4	3	5	3	3	Life Science OR Physical Science
	Landscape Architecture	ECP 25 with Math OR 27 with Math Literacy	Mainstream 30 with Math OR 32 with Math Literacy		4	3	5	3	3	Life Science OR Physical Science
CONSERVATION & MARINE SCIENCES	Marine Science	ECP 27	Mainstream 32		4	4			4	
	Nature Conservation	ECP 26 with Math OR 28 with Math Literacy	Mainstream 31 with Math OR 33 with Math Literacy		4	3	5	4		Either Mathematics (L3) or Mathematical Literacy (L5) is accepted. In addition any two other subjects apart from those listed here are required at L3.
MATHEMATICS	Mathematical Sciences	ECP 28	Mainstream 33		4	4			4	Physical Sciences OR Business Studies OR Economics OR Accounting OR Geography

TO FIND OUT HOW TO CALCULATE YOUR APS SCORE SEE METHOD 1 ON THE REVERSE OF THIS POSTER



DIPLOMA IN HORTICULTURE

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

3 years

Who would like this:
People who enjoy the outdoors and working with plants.

Job opportunities:
Wholesale and retail nurseries, Department of Agriculture, landscape industry, private sector, SANBI, SANPARKS and municipalities.



DIPLOMA IN LANDSCAPE ARCHITECTURE

Landscape technologists apply their knowledge of the use of ornamental plants to design, implement and manage landscape projects. They create spaces that are aesthetically pleasing, functional and ecologically stable.

3 years

Who would like this:
People who enjoy the outdoors and working with plants.

Job opportunities:
Wholesale and retail nurseries, landscape industry, private sector, architectural firms, housing developers.



DIPLOMA IN MATHEMATICAL SCIENCES

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

3 years

Who would like this:
People who want to develop their analytical and problem-solving skills, and who like the challenges brought on by real-world problems.

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



DIPLOMA IN FOOD 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 also are involved with quality assurance processing technology, chemistry and microbiology.

3 years

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.

Job opportunities:
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 protection of animals and natural habitats.

3 years

Who would like this:
People who enjoy the outdoors and have a love of nature and animals.

Job opportunities:
Private and national parks, botanical gardens, law enforcement, nature reserves.



DIPLOMA IN MARINE SCIENCE

Marine scientists research and protect marine and coastal areas as well as the creatures that inhabit these areas.

3 years

Who would like this:
People who have a love of science and the ocean.

Job opportunities:
Department of Agriculture, Forestry and Fisheries, the Department of Environmental Affairs and Tourism, private and national parks, marine coastal reserves, research and training organisations.



NHC: ACCOUNTANCY leading to ND Accounting, Cost & Management Accounting or Internal Auditing

Accountants process and maintain financial information. If you enjoy working with numbers then this course is the right fit for you.

3 years

Who would like this: Individuals who have strong analytical skills and enjoy working with numbers and compiling reports.

Job opportunities: Most businesses and organisations, including private and governmental.



DIPLOMA IN ENTREPRENEURSHIP

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

3 years

Who would like this: Individuals who are innovative and eager to start their own business.

Job opportunities: Self-employment, non-profit organisations, government organisations, finance/investment sector.



DIPLOMA IN EVENT MANAGEMENT

Event managers manage all kinds of events set within any type of environment. They oversee the whole process of an event to ensure that it meets their client's brief and budget.

3 years

Who would like this: Individuals who are well organised and enjoy working with people.

Job opportunities: Event companies, marketing companies, corporates and the hospitality industry.



DIPLOMA IN PUBLIC ADMINISTRATION

This course provides graduates with current and future managerial and development skills for the public service, at local, provincial and national levels of government. Graduates are involved in various areas of management in the public sector, ranging from public service delivery and policy studies to financial management.

3 years

Who would like this: Individuals who have strong interpersonal and organisational skills, and enjoy working with people.

Job opportunities: Administrative and management environment of all three levels of the public sector: local, provincial, and national; Also at semi-state (parastatal) and non-profit organisations (NGOs), education institutions, and the diplomatic corps.



DIPLOMA IN RETAIL BUSINESS MANAGEMENT

The variety of retail and wholesale business is virtually unlimited. Graduates are involved in areas such as management, procurement or buying, stock control, merchandising, sales, administration, logistics, house-keeping or the finance section of a retail business.

3 years

Who would like this: Individuals who have strong interpersonal and organisational skills, who would like to develop into successful managers in the retail sector.

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



NHC: FINANCIAL INFORMATION SYSTEMS leading to ND Financial Information Systems

Individuals trained in financial information systems have skills in both accountancy and information technology. They compile reports, render taxation services and deliver commercial programming services.

3 years

Who would like this: Individuals who have strong analytical skills, enjoy working with numbers, compiling reports, and have an interest in computer programmes and technology.

Job opportunities: Most businesses and organisations, including the industrial and commercial sectors.



ND: HOSPITALITY MANAGEMENT (ACCOMODATION)

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

3 years

Who would like this: Individuals who enjoy working with people in a very busy environment, and are customer service orientated.

Job opportunities: Hotels, guest houses, bed and breakfast establishments, and game lodges.



ND: HOSPITALITY MANAGEMENT (FOOD AND BEVERAGE)

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.

3 years

Who would like this: Individuals with strong management skills and an interest in the food and beverage industry.

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

DEPARTMENT	QUALIFICATION	MINIMUM ADMISSION REQUIREMENTS						
		APS SCORE	METHOD	ENGLISH	MATH	MATH LIT	ACCOUNTANCY	RECOMMENDATIONS AND FURTHER REQUIREMENTS
SCHOOL OF ACCOUNTANCY SCIENCES	NHC: Accountancy	38	3	4	M or ML or ACC - no rating	M or ML or ACC - no rating	M or ML or ACC - no rating	For each of the subjects M and ACC the actual achievement is multiplied by 2
	NHC: Accountancy (Extended)	35	3	4	M or ML or ACC - no rating	M or ML or ACC - no rating	M or ML or ACC - no rating	For each of the subjects M and ACC the actual achievement is multiplied by 2
	NHC: Financial Information Systems	40	3	4	M or ML or ACC - no rating	M or ML or ACC - no rating	M or ML or ACC - no rating	For each of the subjects M and ACC the actual achievement is multiplied by 2
SCHOOL OF COMMERCE, MANAGEMENT & GOVERNMENTAL SCIENCES	DIPLOMA in Entrepreneurship	26	1	4	2	4		
	DIPLOMA in Entrepreneurship (Extended)	22	1	4	2	4		
	DIPLOMA in Human Resources	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 a HR environment.
	DIPLOMA in Human Resources (Extended)	24 (M) 26 (ML)	1	4	2	4		Including one of the following: ECO, BUS, ACC (no rating required).
	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		Including one of the following: ECO, BUS, ACC (no rating required).
	DIPLOMA in Marketing	26	1	4	2	4		Part-time applicants must be full-time employed and have relevant practical experience (marketing-related)
	DIPLOMA in Marketing (Extended)	22	1	4	2	4		
	Diploma in Business and 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 submit a two page curriculum vitae.
	Diploma in Business and Information Administration (Extended)	24 (M) 26 (ML)	1	4	2	4		Including one of the following: BUS, ECO, ACC, CAT, IT (no rating required).
	DIPLOMA in Operations Management	28	1	4	3			
	DIPLOMA in Public Administration	26	1	4				Part-time applicants should preferably be full-time employed in the public sector environment.
	DIPLOMA in Public Administration (Extended)	22	1	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.
	DIPLOMA in Retail Business Management	26	1	4	2	4		a NSC with at least 3 years relevant retail experience will also be considered.
SCHOOL OF SPORT, EVENTS, TOURISM & HOSPITALITY	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 explaining why they want to follow this qualification and indicating their understanding of the industry and possible career options. Part-time applicants must be employed on a full-time basis.
	DIPLOMA in Tourism Management (Extended)	24 (M) 26 (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 explaining why they want to follow this qualification and indicating their understanding of the industry and possible career options.
	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 explaining why they want to follow this qualification and indicating their understanding of the industry and possible career options. Part-time applicants must be employed on a full-time basis.
	DIPLOMA in Events Management (Extended)	24 (M) 26 (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 explaining why they want to follow this qualification and indicating their understanding of the industry and possible career options.
	ND: Sports Management	25 (M) 27 (ML)	1	4	2	4		Applicants should complete the non-academic review form available from the CPUT website. Participation as a player, coach or administrator at international / national / provincial level will be a recommendation.
	ND: Sports Management (Extended)	23 (M) 25 (ML)	1	4	2	4		Applicants should complete the non-academic review form available from the CPUT website. Participation as a player, coach or administrator at international / national / provincial level will be a recommendation.
	ND: Hospitality Management (Accommodation)	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.
	ND: Hospitality Management (Food & Beverage)	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.
	ND: Hospitality Management (Professional Cookery)	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.
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 applicants must be full-time employed and have relevant practical experience (real estate/property related)



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 other areas of the travel industry.

3 years

Who would like this: Individuals who are outgoing and who enjoy working with people.

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



DIPLOMA IN REAL ESTATE

Real estate is more than just selling property. Graduates are multi-skilled and offer property marketing, building practice and property valuation services.

3 years

Who would like this: Individuals who are interested in the property business.

Job opportunities: Real estate agencies, private sector and financial sector.



ND: HOSPITALITY MANAGEMENT (PROFESSIONAL COOKERY)

Professional cooks create mouthwatering gourmet cuisine and develop new recipes and menus. Graduates will work as chefs in any hospitality environment.

3 years

Who would like this: Individuals who enjoy preparing food, learning new recipes, and experiencing new tastes.

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



DIPLOMA IN HUMAN RESOURCE MANAGEMENT

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

3 years full-time

4 years part-time

Who would like this: Individuals who are well-organised and who are interested in both the corporate and public sector's human resources.

Job opportunities: Small and large private organisations and the public sector.



DIPLOMA IN MANAGEMENT

Graduates are involved in the day to day management activities of an organisation. They are involved in planning, organising, controlling, coordinating, financial administration, projects and human resource management.

3 years

4 years part-time

Who would like this: Individuals who are well-organised and enjoy working with people.

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



ND: SPORTS MANAGEMENT

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

3 years

Who would like this: Individuals who are interested in the business aspects of sport.

Job opportunities: Sport clubs, gymnasiums, government, schools, universities and recreation facilities.



DIPLOMA IN MARKETING

Marketing is an exciting and energetic field. Graduates are involved in areas such as sales management, advertising, market research and strategic marketing.

3 years

Who would like this: Individuals who have strong inter-personal skills, who are passionate and are go getters.

Job opportunities: Marketing, media, and advertising agencies, research organisations, and production companies.



DIPLOMA IN BUSINESS AND INFORMATION ADMINISTRATION

No organisation can exist without a graduate who is skilled in office management and technology. These individuals ensure the smooth running of an organisation. They have a comprehensive range of skills including managerial, technological and communication skills.

3 years

Who would like this: Individuals who have good inter-personal and organizational skills.

Job opportunities: In a variety of fields in the business world.



DIPLOMA IN OPERATIONS MANAGEMENT

Graduates are involved in the strategic management of an organisation's daily operations. They are required to plan budgets, oversee production and ensure quality control.

3 years

Who would like this: Individuals who are well-organised and who enjoy working with technology.

Job opportunities: Production sector and engineering companies.

GRADE 8-12

UNDERGRADUATE STUDY

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

GRADE R

GENERAL EDUCATION & TRAINING (GET)

DIPLOMA: GRADE R TEACHING

Currently not offered full-time. Grade R is offered to students who wish to become a qualified Grade R teacher. ECD level 4 and or 5 (without Matric) with experience in Gr R teaching can also apply.

4 years part-time only

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

- Matric with Early Childhood Development (ECD) Level (4) and/ or (5)
- Experience with age groups 4 to 6
- Matric with Educare Level (5).

GRADE R-3

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 and Literacies.

4 years full-time

GRADE 4-7

BEd: INTERMEDIATE PHASE TEACHING

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

4 years full-time

MINIMUM ADMISSION REQUIREMENT (NATIONAL SENIOR CERTIFICATE)

APS SCORE	METHOD OPTION	SUBJECTS & ACHIEVED SCALE	SELECTION PROCEDURE	NATIONAL CERTIFICATE (VOCATIONAL)
32		<ul style="list-style-type: none"> • Home Language (4) • First Additional Language (3) (One of the languages must be the language of instruction) 	<p>Due to the limited number of places available, admission is not guaranteed.</p> <p>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.</p>	<p>At least (60%) in three following fundamental subjects, including the LoLT of the institution:</p> <ul style="list-style-type: none"> • English (official language at first additional language level, 20 credits) at NQF level 4 • Mathematics (20 credits) at NQF level 4 OR Mathematical Literacy (20 credits) requiring a pass rate of at least (70%) • Life Orientation (10 credits) at NQF level 4
32		<ul style="list-style-type: none"> • Home Language (4) • First Additional Language (3) (One of the languages must be the language of instruction) 	<p>Due to the limited number of places available, admission is not guaranteed.</p> <p>Selection will be based on Grade 11 final results for provisional acceptance and for full unconditional acceptance of the final National Senior Certificate and school leaving results.</p>	
32		<p>Home Language (4) And First Additional Language (3) (One of the languages must be the language of instruction)</p> <p>Students who wish to choose one or more of the following electives must obtain, at NSC level, at least (50%) in the following subjects:</p> <ul style="list-style-type: none"> • Mathematics • Accounting • Physical Science • Life Sciences • Mathematical Literacy (60%) 	<p>Due to the limited number of places available, admission is not guaranteed.</p> <p>Selection will be based on Grade 11 final results for provisional acceptance and for full unconditional acceptance of the final National Senior Certificate and school leaving results.</p>	

POSTGRADUATE STUDY

- Magister Educationis (MEd)
- Doctor Educationis (DEd)



POSTGRADUATE CERTIFICATE IN EDUCATION

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

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

NB

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

PROFESSIONAL DEVELOPMENT

NATIONAL PROFESSIONAL DIPLOMA: EDUCATION (NPDE)

Further Education and Training (Vocational Teaching)

This course provides a formal educational qualification for artisans and academic staff employed within TVET colleges. The NPDE is an interim qualification, aimed at upgrading currently under-qualified school and technical and vocational education and training college educators. It provides these educators with the opportunity of becoming fully qualified professionals (REQV 13) by opening up an alternate access route into the NQF.

2 years part-time



ND: BUILDING

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

3 years

Who would like this:
People who are interested in the construction industry and who have strong mathematical skills.

Job opportunities:
Construction companies, consulting engineering companies and self-employment.



ND: CARTOGRAPHY (GIS)

Geographical Information Science (GIS) is the science of capturing, processing, analysing and mapping spatial data (information about the earth). Geographical Information Systems (GIS) technology is used to explore, visualise and analyse data. Computer-based systems bring advanced information management techniques to science, business and governments across the globe.

3 years

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

Job opportunities:
Research institutes, private corporations, government departments.



ND: 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.

3 years

Who would like this:
People who have strong mathematical, science and problem-solving skills.

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



ND: 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 defenses.

3 years

Who would like this:
Individuals who are innovative, logical, creative and have strong problem-solving skills.

Job opportunities:
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 the Clothing Management programme is the right fit for you. These professionals plan and control the production, manufacturing and retail sectors of the clothing industry.

3 years

Who would like this:
Individuals who have a keen eye for fashion and who are natural planners.

Job opportunities:
Retail sector and private companies.



ND: COMPUTER SYSTEMS and ND: ELECTRICAL ENGINEERING

- Computer Systems
- Electrical (Power Electronics Stream)
- Electrical (Electronic Communications Stream)
- Electrical (Industrial Electronics Stream)
- Electrical (Control Systems Stream)
- Electrical (Power Stream)

3 years

Who would like this:
Individuals who enjoy electronics and who have strong mathematical skills.

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

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

DEPARTMENT	QUALIFICATION	MINIMUM ADMISSION REQUIREMENT (NATIONAL SENIOR CERTIFICATE)									NC	NCV
		APS SCORE	ECP APS SCORE	METHOD	ENGLISH	MATHS	MATHS LIT	PHYSICAL SCIENCE	FURTHER REQUIREMENTS			
		Mathematical Literacy is not accepted within the Faculty of Engineering (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	ND: Chemical Engineering	--	--	--	4	4	--	4	--		M (N4) - 60% ES (N4) - 60%	E (5) (60-69%) M (5) (60-69%) PS (3) with 60%
CIVIL ENGINEERING & SURVEYING	ND: Civil Engineering	--	--	--	4	4	--	4	--		M (N4) - 60% ES (N4) - 60%	E (5) (60-69%) M (5) (60-69%) PS (3) with 60%
	ND: Surveying and ND: Cartography (GISc)	--	--	--	4	4	--	4	--		M (N4) - 60% ES (N4) - 60%	E (5) (60-69%) M (5) (60-69%) PS (3) with 60%
CLOTHING & TEXTILE TECHNOLOGY	DIPLOMA: Clothing & Textile Technology	26 with M-2 28 with ML-4	--	Method 1	4	2	4	--	Required: One of the following: ACC (3), BUS (3), ECON (3)	M (N4) - 50% Clothing Production (N4) - 60%	E (5) (60-69%) ML (5) (60-69%) or M (2) (30-39%) Recommended: Business Practice (3) (50-69%) or Financial Management (3) (50-69%) and Applied Accounting (3) (50-69%)	
CONSTRUCTION MAGEMENT & QUANTITY SURVEYING	ND: Building	25	20 - 24 ECP	Method 1	4	4	--	--	Recommended: Any of the following: ACC (3), BUS (3), ECON (3), CIVT (3), EGD (3), CAT (3), IT (3), PS (3)	M (N4) - 60%	E-5 (60-69%) M-5 (60-69%)	
ELECTRICAL, ELECTRONIC & COMPUTER ENGINEERING	ND: Electrical Engineering	--	--	--	4	4	--	4	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: PS (3) with 60%, Electrical Principles and Practice (3) with 60%, Electronic Control and Digital Electronics (3) with 60%, Electrical Workmanship (3) with 60%	
	ND: Computer Systems	--	--	--	4	4	--	4	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: PS (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	ND: Industrial Engineering	--	--	--	4	4	--	4	Recommended: MECHT (3)	--	E (5) (60-69%) M (5) (60-69%) PS (3) with 60%	
MECHANICAL ENGINEERING	ND: Mechanical Engineering	--	--	--	4	4	--	4	Recommended: One of the following: ELECT (3), EGD (3), MECHT (3)	--	E (5) (60-69%) M (5) (60-69%) PS (3) with 60%	
	ND: Mechanical Engineering (Mechatronics)	--	--	--	4	4	--	4	Recommended: One of the following: ELECT (3), EGD (3), MECHT (3)	--	E (5) (60-69%), M (5) (60-69%), PS (3) with 60% Recommended: Electro Technology (3) (50-69%), Mechatronic Systems (3) (50-69%)	
MARITIME STUDIES	ND: Mechanical (Marine Engineering)	--	--	--	4	4	--	4	--	M (N4) - 60% ES (N4) - 60%	E (5) (60-69%) M (5) (60-69%) PS (3) with 60%	
	ND: Maritime Studies	--	--	--	4	4	--	4	--	M (N4) - 60% ES (N4) - 60%	E (5) (60-69%) M (5) (60-69%) PS (3) with 60%	

Subject to the space availability consideration will be given to admitting students to the ECP programmes with: English (4); with one of either Mathematics or Physical Science (4) and the other (3), with a minimum of 45%, for the following programmes only: ND: Chemical Engineering (ECP), ND: Civil Engineering (ECP), ND: Maritime Studies (ECP) OR ND: Mechanical 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



ND: 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.

3 years

Who would like this:
Individuals who have strong planning and organization skills and who are interested in the engineering and/or service sector.

Job opportunities:
All manufacturing firms and service-based organisations.



ND: MARITIME STUDIES

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.

3 years

Who would like this:
Individuals who have a love for the ocean and who are interested in shipping.

Job opportunities:
Shipping and maritime industry.



ND: SURVEYING

Surveying is the science of surveying (measuring) and mapping the face of the earth. Mapping forms the foundation of physical planning and land development. Surveyors survey, collect and present spatial data in different forms, and set out and control positions of structures on the ground of basic engineering works

3 years

Who would like this:
Individuals who have strong mathematical skills and enjoy the outdoors.



ND: 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.

3 years

Who would like this:
Individuals who have strong analytical skills and who are interested in engineering.

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



ND: MECHANICAL ENGINEERING (MECHATRONICS)

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

3 years

Who would like this:
Individuals who are interested in all areas of engineering and who enjoy problem solving.

Job opportunities:
Manufacturing companies, engineering consulting agencies.



ND: MECHANICAL ENGINEERING – 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.

3 years

Who would like this:
Individuals who have a love for the ocean and who are interested in shipping.

Job opportunities:
Shipping and maritime industry.

3 years

Job opportunities:
Land surveying firms, municipalities, government departments, self-employment.



BHSc: 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 who have an interest in the medical field and who enjoy working in laboratories.

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



HIGHER CERTIFICATE: DENTAL ASSISTING

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

Who would like this:
People who have an interest in the dental field.

Job opportunities:
Dental clinics in the state and provincial structures (nationally and internationally) and private practices.



BACHELORS: EMERGENCY MEDICAL CARE

A career in emergency care is both exciting and demanding, requiring mental alertness and rigorous physical fitness to make life and death decisions in an environment that can be difficult and dangerous.

Who would like this:
People who have an interest in the medical field and who enjoy a challenge.

Job opportunities:
Provincial 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.

Emergency Medical Care Practitioners are often the first health care 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.

PLEASE NOTE:
In addition to the application form, applicants may be required to submit a biographical/ information questionnaire, medical report or similar. Additional selection activities (e.g. interviews and/ or physical/ dexterity tests) are applicable to all programmes in the Health & Wellness Sciences.

DEPARTMENT	QUALIFICATION	APS score	MINIMUM ADMISSION REQUIREMENTS								
			METHOD OPTION	ENGLISH (HL or FAL)	LANGUAGE REQUIREMENTS	MATH	MATH LITERACY**	LIFE SCIENCES	PHYSICAL SCIENCES	FURTHER REQUIREMENTS	
BIOMEDICAL SCIENCES	BHSc: Medical Laboratory Sciences	36+	TO FIND OUT HOW TO CALCULATE YOUR APS SCORE SEE METHOD 1 ON THE REVERSE OF THIS POSTER	4			4		4	4	
	BHSc: Medical Laboratory Sciences (Extended)	30 - 35		4			4		4	4	
DENTAL SCIENCES	Higher Certificate: Dental Assisting	25+		4 if HL, 3 if FAL	HL (4); FAL (3)		2	3	3		Further evaluation required
	ND: Dental Technology	33+		4	HL (5); FAL (3)		3	4	4	3*	Further evaluation required
	ND: Dental Technology (Extended)	30 - 32		4	HL (5); FAL (3)		3	4	4	3*	Further evaluation required
EMERGENCY MEDICAL SCIENCES	Bachelors: Emergency Medical Care	35+		4			4		4	4	Further evaluation required
	Bachelors: Emergency Medical Care (Extended)	30 - 34		4			4		4	4	Further evaluation required
WELLNESS SCIENCES	ND: Somatology	24 (with Math); 25 (with Math Lit)		4 if HL; 3 if FAL	HL (4); FAL (3)		3	4	4		
NURSING SCIENCES	BTech: Nursing Science	30+		4	HL 4		3	4	4		
	BTech: Nursing Science (Extended)	27 - 29		4	HL 4		3	4	4		
OPHTHALMIC SCIENCES	ND: Optical Dispensing	28+		3			3	4	3	3	
MEDICAL IMAGING AND THERAPEUTIC SCIENCES	BSc: Diagnostic Radiography	30+		4			4		4	4*	Further evaluation required
	BSc: Diagnostic Ultrasound	30+	4			4		4	4*	Further evaluation required	
	BSc: Radiation Therapy	30+	4			4		4	4*	Further evaluation required	
	BSc: Nuclear Medicine Technology	30+	4			4		4	4 compulsory	Further evaluation required	

* = as alternative for Life Sciences
** = as alternative for Math



ND: DENTAL TECHNOLOGY

Ever wondered who manufactured dentures? Look no further as graduates from this course are trained to manufacture dentures, crowns, bridges and other dental applications for patients.

Who would like this:
People who have an interest in the dental field.

Job opportunities:
Commercial dental laboratory, government dental training hospitals or private practices. International work opportunities are possible.



BTECH: NURSING SCIENCE

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

Who would like this:
People who have an interest in the medical field, who are compassionate and who enjoy helping people.

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



BSc: RADIOGRAPHY

- Diagnostic Radiography (BSc)
- Radiation Therapy (BSc)
- Nuclear Medicine (BSc)
- Diagnostic Ultrasound (BSc)

A career in this field offers graduates the perfect balance between working with people and modern technology. Radiographers make use of various technology for the diagnosis and treatment of disease.

Who would like this:
People who have an interest in medical technology imaging and treatment and don't mind working with sick people.

Job opportunities:
Academic hospitals, community health centres, private and public practice both nationally and internationally, research institutes.



ND: OPTICAL DISPENSING

A career in this field offers graduates the perfect balance between working with people and modern scientific technology. A dispensing optician manufactures and processes ophthalmic lenses and produce devices to correct defects of vision. The work also entails screening before visual examinations as well as adjustments, maintenance and repairs to spectacles.

Who would like this:
People who have an interest in the medical field and who enjoy working with modern technology.

Job opportunities:
Employment in private practices, wholesale laboratories, optical companies, public sector hospitals and clinics, private practices.



ND: SOMATOLOGY

If you are interested in the skin and health care sector, then a career in Somatology is the right fit for you.

Somatologists are trained to assess and provide various treatments for skin and body conditions. These treatments improve the general wellness and aesthetic appearance of individuals.

Who would like this:
People who have an interest in health and skincare and who enjoy working with people.

Job opportunities:
Health and skincare clinics, cruise liners and spas.



DIPLOMA IN ARCHITECTURAL TECHNOLOGY

Architectural technologists use their knowledge and skills in construction methods, materials and innovative building design to create documentation used for the construction of buildings.

3 years

closing date 31 July

Who would like this:
People who are creative, can draw well, and have an interest in architecture and construction.

Job opportunities:
Architectural firms, property developers and government departments.



DIPLOMA IN FASHION

Fashion graduates are involved in the creative and technical skills of design, pattern-making and sewing.

3 years

closing date 31 July

Who would like this:
Individuals who are creative and have a flair for fashion, style and a love of all aspects influencing clothing design.

Job opportunities:
Clothing retail stores and clothing manufacturers. Self employment.



DIPLOMA IN VISUAL COMMUNICATION DESIGN

Graphic Designers communicate ideas visually to a range of target markets. This can include digital design, illustration, packaging, corporate identity, branding and photography.

3 years

closing date 31 July

Who would like this:
Individuals who can draw well and who are creative.

Job opportunities:
Advertising agencies, design studios, printing and publishing houses, state-supported institutions such as museums, library services and medical institutions.



DIPLOMA IN FILM PRODUCTION

The film and television industry is fast paced and sees graduates working in various areas of the industry. Graduates are involved in script writing, production management and directing. Those who enjoy the technical aspects of the industry are involved in camera operations, editing, sound and lighting.

3 years

Who would like this:
Individuals who are creative and have an interest in media production and a love of films.

Job opportunities:
Students are prepared for careers in the feature film, commercial, video, television and sound industries.



DIPLOMA: INFORMATION AND COMMUNICATION TECHNOLOGY

- Applications Development
- Communication Networks
- Multimedia Applications

The widespread use of computers has resulted in an on-going need for a wide range of highly skilled information technology personnel. Applications Development graduates are prepared for careers in computer programming, IT business solutions, software development and systems analysis design. Communication Networks graduates are prepared for careers in network development and administration. Multimedia Applications graduates are involved in the design of digital video, web sites, mobile applications, interactive games and music videos.

3 years

Who would like this:
People who have an interest in computers and new technology.

Job opportunities:
Information technology companies (Applications Development & Communication Networks graduates). Design industry, film industry, advertising agencies & the media industry (Multimedia Applications graduates).

DEPARTMENT	QUALIFICATION	MINIMUM ADMISSION REQUIREMENTS						
		APS score	ENGLISH (HL or FAL)	LANGUAGE REQUIREMENT	MATHS	MATH LIT	RECOMMENDED SUBJECTS (BUT NOT REQUIRED)	ADDITIONAL REQUIREMENTS
ARCHITECTURAL TECHNOLOGY & INTERIOR DESIGN	Diploma in Architectural Technology	30 * 32 **	4		4	6	Technical Drawing and Design Subjects	Specified Portfolio and selection test
	Diploma in Interior Design	30 * 32 **	4		4	6	Technical Drawing and Design Subjects	Specified Portfolio and selection test
APPLIED DESIGN	Diploma in Fashion	28 * 29 **	4		3	4		Specified portfolio and entrance exam
	Diploma in Visual Communication Design	28 * 29 **	4		3	4		Specified portfolio and entrance exam
	ND: Surface Design		4	FAL 3	2	4		Specified portfolio and entrance exam
	Diploma in Product Design	28 * 29 **	4		3	4		Specified portfolio and entrance exam
	Diploma in Jewellery Design and Manufacture	28 * 29 **	4		3	4		Specified portfolio and entrance exam
MEDIA STUDIES	Diploma in Film Production	33	5					Letter of motivation
	Diploma in Journalism	32 * 33 **	5	FAL 4	3	4		Selection test, understanding of journalism and knowledge of current affairs
	Diploma in Photography	33	4					Letter of motivation
	Diploma in Public Relations & Communication	31 * 33 **	5	FAL 4	2	4		Prescribed portfolio
INFORMATION TECHNOLOGY	Higher Certificate in Information and Communication Technology	30	50%	FAL 40%	40%	60%		
	Diploma in ICT: Applications Development	36	50%	FAL 40%	40%	60%		
	Diploma in ICT: Communication Networks	36	50%	FAL 40%	40%	60%		
	Diploma in ICT: Multimedia Applications	36	50%	FAL 40%	40%	60%		
TOWN & REGIONAL PLANNING	Diploma in Urban & Regional Planning	30 * 31 **	4		4	5	4 in three other subjects, preferably Geography, Business Economics, Economics and Tourism	

* = with Maths ** = with Maths Lit

Meeting the minimum admission requirements does not guarantee an applicant's acceptance onto the programme.



DIPLOMA IN INTERIOR DESIGN

Interior designers use colour palettes, furniture, and intelligent construction methods to create spaces that are aesthetically pleasing and functional. They combine design, practical problem-solving, and knowledge of construction methods in their daily work.

3 years

closing date 31 July

Who would like this:
People who are creative, artistic, enjoy hands-on work, and have an interest in interior spaces.

Job opportunities:
Property developers, interior design and architecture firms and self-employment.



DIPLOMA IN JEWELLERY DESIGN AND MANUFACTURE

Graduates use their technical skills to manufacture jewellery, from preparation of metals through to final finishing. They are skilled to work in various areas of the jewellery industry, including management, marketing and manufacturing.

3 years

closing date 31 July

Who would like this:
Individuals who are creative and who enjoy manufacturing jewellery.

Job opportunities:
Jewellery retail stores, boutiques, jewellery design studios.



DIPLOMA IN JOURNALISM

Journalists collect, write or distribute news or other current information in various media, such as newspapers, radio and television.

3 years

Who would like this:
Individuals who are good at language and who have strong writing skills.

Job opportunities:
Newspapers, magazines, marketing companies, public relations companies, government.



DIPLOMA IN PHOTOGRAPHY

Photography provides individuals with exciting and fast paced career options. The course equips students with the skills, knowledge and discipline essential for a successful career in photography.

3 years

closing date 31 July

Who would like this:
Individuals who are creative, self-motivated and who have a flair for photography.

Job opportunities:
Commercial, advertising, fashion and publishing houses, printers, freelance work as well as state-supported institutions such as museums, library services and medical institutions.



DIPLOMA IN PUBLIC RELATIONS AND COMMUNICATION

The role of a public relations practitioner is vast, ranging from planning an exhibition or special event to developing a media strategy, writing a press release or making a corporate video.

3 years

Who would like this:
Individuals who enjoy working with people, who can multi-task and who have excellent language and writing skills.

Job opportunities:
Media, private and public companies, shopping malls, welfare groups, consultancies, and government departments.



ND: SURFACE DESIGN

Graduates use different techniques to apply designs to a wide variety of surfaces. This includes the design of fabrics, gift-wrap, wallpaper, fashion textiles, home textiles, carpet design as well as surface design on ceramics, glass, wood, plastics, steel and automotive fabrics.

3 years

closing date 31 July

Who would like this:
Individuals who are creative, artistic and innovative.

Job opportunities:
Surface and lifestyle design industries, fashion industry and interior design firms.



DIPLOMA IN PRODUCT DESIGN

Graduates are skilled to apply the design process to problems related to mass-produced products, to produce conceptual sketches, technical specifications, rendered images and physical or virtual 3D-models to communicate proposed solutions professionally.

3 years

closing date 31 July

Who would like this:
Individuals who can draw well and who have a keen eye for design.

Job opportunities:
Manufacturing companies, or design-related fields such as furniture design, special effects and props for the film industry.



DIPLOMA IN URBAN AND REGIONAL PLANNING

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

3 years

Who would like this:
People with an interest in the management, development and growth of cities, towns and regions and the improvement and regeneration of urban environments.

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