









2023 PROSPECTUS



Cape
Peninsula
University
of Technology

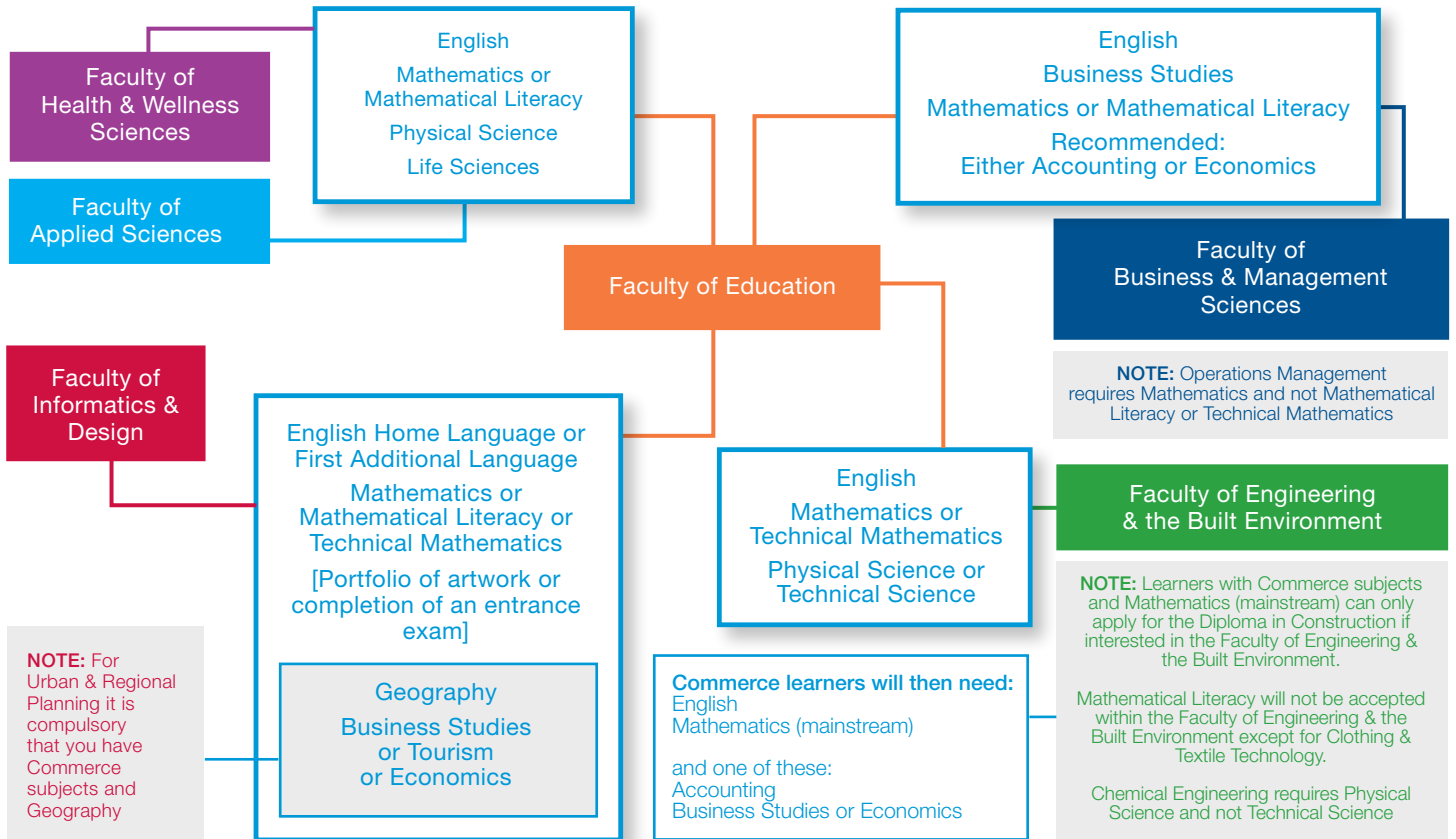
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EDITION 02/22v2

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:

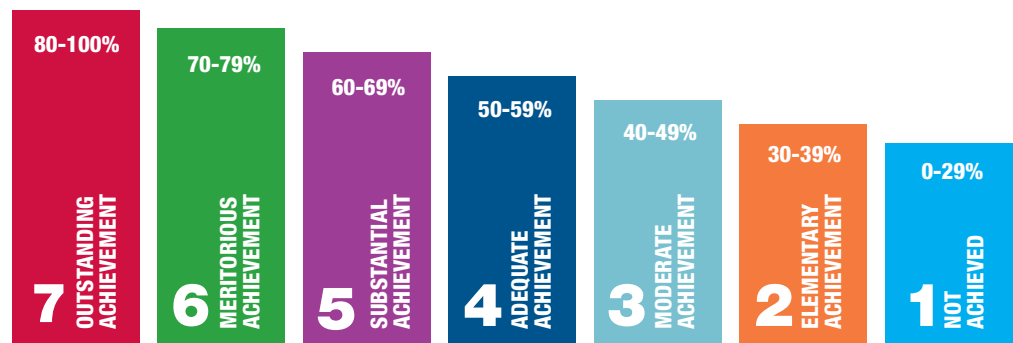


TABLE A – National Curriculum Statement and NCV Group A subject rating

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
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:

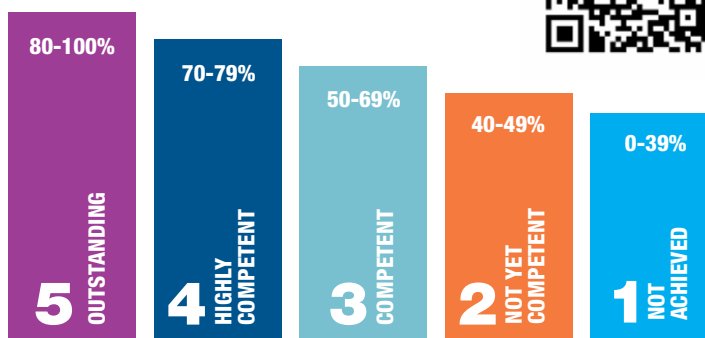


TABLE B – Group B NCV subject rating

MANUAL APPLICATIONS



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

No manual (hard copy) application will be considered.

Please note: a non-refundable application fee will be applicable.

THERE ARE 7 STEPS FOR APPLYING MANUALLY (via a printed application form)

- 1 Choose a qualification
- 2 Complete an application form
- 3 Gather your documents (i.e. certified copies less than 3 months old) including SAQA evaluation certificate
- 4 Fill in the application form
- 5 Pay the application fee
- 6 Hand deliver or post your form and certified copies of documents to the campus where the programme is offered: District Six/ Bellville/ Mowbray/ Wellington Campuses
- 7 Follow-up and get your admission status via the online application tracking system by visiting www.cput.ac.za/study/track



ONLINE APPLICATIONS



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

THERE ARE 5 STEPS FOR APPLYING ONLINE

- 1 Choose your qualification by consulting this brochure or the website
- 2 Gather your documents (i.e. certified copies less than 3 months old)
- 3 Download the online applications guide available on our website for information on how to apply online
- 4 Complete your application online by visiting www.cput.ac.za/study/apply
- 5 Follow-up and get your admission status via the online application tracking system by visiting www.cput.ac.za/study/track

ONLINE APPLICATIONS ARE FREE



KEEP CHECKING THE CPUT WEBSITE FOR 2023 APPLICATION CLOSING DATES



Recognition of Prior Learning (RPL) applicants

31 AUGUST 2022
International applicants

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

Non-SA citizens; SA citizens with International qualifications

30 SEPTEMBER 2022

Bachelor of Nursing

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

KEEP CHECKING THE CPUT WEBSITE FOR WHEN 2023 APPLICATIONS OPEN

APPLICATION STATUS

- Track the progress of your application (selection outcome) by visiting www.cput.ac.za/study/track
- Official letters containing your application status will be available for download when ready.



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

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.



WHAT WILL IT COST?

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

Subject to change

R1 750

This amount is **payable within two weeks of confirmation of acceptance** for first year studies.

The amount paid to secure your place is credited to your student account. Should you fail to take up your place, this amount will be refunded after Registration has been concluded.

R3 500

Must be **paid in full before registration** in January of your academic year.

- 5%** discount is granted if payment in full is received for annual fees **by the end of February**
- 2.5%** discount is granted for first semester fees paid in full **by the end February**
- 2.5%** discount is granted for second semester fees paid in full **by the end August**

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

www.cput.ac.za/study/fees



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)
- An upfront payment of 50% towards tuition fees **MUST** be paid before registration
- 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 industry.

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.

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 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 or English 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	
ENVIRONMENTAL & OCCUPATIONAL STUDIES	Diploma of Environmental Management	26 with Maths; 28 with Maths Literacy	28 with Maths; 30 with Maths Literacy		4	3		5	4	3	Mathematics or Mathematical Literacy; Life Sciences or Geography At least 50% (4) for Geography or Life Sciences
	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	Diploma in Food Technology	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 or English if the other three are 50% and above
	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	At least 50% (4), in any 3 other subjects, except Life Orientation 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	28		4	4				4	Either Physical Sciences (4), Business Studies (4), Economics (4), Accounting (4) or Geography (4) At least 40% (3) for Physical Sciences
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

Meeting minimum admission requirements does not guarantee admission.

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 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 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 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 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 LLB.

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.

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)	35	3	4	*3	*4	*3	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.
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		
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		Including one of the following: ECO, BUS, ACC (no rating required).
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		Including one of the following: ECO, BUS, ACC (no rating required).
	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		Including one of the following: BUS, ECO, ACC, CAT, IT (no rating required).
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		Including one of the following: ECO 2 (30%), BUS 2 (30%) , ACC 2 (30%).
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		Participation as a player, coach or administrator at international/ national/ provincial level will be a recommendation. Generally, students who have met the minimum requirements for admission to bachelor's degree stand a greater chance of being accepted.
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		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 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 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) And 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 on 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 MEDICAL 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 SCIENCE: 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 (BHSc) 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.

DIPLOMA IN OPTICIANRY 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 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	Subject to space availability, consideration will be given for admitting students who received between 47% - 49% for any one of the four subjects (English, Mathematics, Life Science and Physical Science) for the Bachelor of Emergency Medical Care ECP (PBEMCX).
WELLNESS SCIENCES	Diploma in Somatology	24 (with Maths); 25 (with Maths Literacy)		4	3		4	4		
NURSING SCIENCES	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	Diploma in Opticianry	28+		4	3		4	3	3	In addition to the application form you will be invited to a selection interview
	BHSc in Opticianry	32+		4	4		5	4	4	
MEDICAL IMAGING & THERAPEUTIC SCIENCES	BSc in Diagnostic Radiography	30+	4	4				4	4*	
	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

Are these your school subjects?

English Home Language or First Additional Language

Mathematics or Mathematical Literacy

Technical Drawing subjects

Design

Geography

Business Studies

Economics

Tourism

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.

Who would like this

People who are creative, can draw well, and have an interest in architecture and construction.

Future career

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.

Who would like this

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

Future career

Clothing retail stores and clothing manufacturers. Self employment.

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.

Who would like this

Individuals who are creative, are interested in media production and love films.

Future career

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

DIPLOMA IN INFORMATION & COMMUNICATION TECHNOLOGY

- Applications Development
- Communication Networks
- Multimedia Applications

The widespread use of computers has resulted in an on-going need for 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, websites, mobile applications, interactive games, and music videos.

Who would like this

People who have an interest in computers and new technology.

Future career

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

HIGHER CERTIFICATE IN INFORMATION & COMMUNICATION TECHNOLOGY

There is an ongoing need for a wide range of highly-skilled information technology personnel in SA. As the field is subject to rapid technological change, it requires professionals who are well trained in IT Service Management. This programme is offered in collaboration with the College of Cape Town, Northlink, and False Bay.

Who would like this

People who have an interest in computers and new technology.

Future career

A career path in this field ranges from an IT Service Desk Trainee to an IT Service Manager.

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.

Who would like this

People who are creative, artistic, enjoy hands-on work, and have an interest in interior spaces.

Future career

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

DIPLOMA IN JEWELLERY DESIGN & 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.

Who would like this

Individuals who are creative and enjoy manufacturing jewellery.

Future career

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.

Who would like this

Individuals with a flair for language and with strong writing and analytical skills.

Future career

Newspapers, magazines, marketing companies, public relations companies, government.

DIPLOMA IN PHOTOGRAPHY

Photography is the art, science and practice of making, processing and delivering images to the fast-paced world of modern visual communication. This course equips students with the skills, knowledge, and discipline essential for pursuing exciting, varied and fast-paced career options.

Who would like this

A career in photography will suit those individuals who are highly creative, self-motivated and passionate about photography; those who have a flair for creating images that communicate well within the modern media sphere.

Future career

Commercial photography (e.g. portraiture, people and lifestyle, fashion, advertising action, architecture, nature, etc.); news photography; photojournalism; documentary photography; fine art photography; photographic post-production, etc.

DIPLOMA IN PUBLIC RELATIONS & 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.

Who would like this

Individuals who enjoy working with people, who can multi-task, and who have excellent language and writing skills.

Future career

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

DIPLOMA IN PRODUCT DESIGN

With this course, you will become skilled in applying the design process to problems related to mass-produced products, produce conceptual sketches, technical specifications, rendered images, and physical or virtual 3D-models to communicate proposed solutions professionally.

Who would like this

Individuals who have drawing skills and who have a keen eye for design.

Future career

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



**NB CLOSING DATE:
31 AUGUST**

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	Submission of a specified portfolio or completion of an entrance exam
	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	Submission of a specified portfolio of prescribed work which is available on the CPUT website
	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					Shortlisted applicants will be required to submit a portfolio or complete a visual literacy assessment
	Diploma in Photography	30	4					A digital portfolio (requirements on CPUT website) and questionnaire (downloadable from the CPUT website) must accompany the application form.
	Diploma in Journalism	32 with M; 33 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	36 with M; 38 with ML	4		3	5	4	
	Diploma in Communication Networks	36 with M; 38 with ML	4		3	5	4	
	Diploma in Multimedia Applications	36 with M; 38 with ML	4		3	5	4	
	Higher Certificate in ICT	30 with M; 32 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.

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 ELECTRICAL ENGINEERING;

BACHELOR OF ENGINEERING TECHNOLOGY IN ELECTRICAL ENGINEERING DIPLOMA IN COMPUTER SYSTEMS;

BACHELOR OF ENGINEERING TECHNOLOGY IN COMPUTER ENGINEERING

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.

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	--										
	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	--	--	Selection test and interview	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	20 - 24	Method 1	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												
	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												
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	30	--	Method 2	4	4	5	--	4	5	Eyesight and Medical at approved SAMSA Medical Practitioner	E (N4) - 60% M (N4) - 60% ES (N4) - 60%	E (5) (60 - 69%) M (5) (60 - 69%) ES (3) with 60%
	Bachelor of Nautical Science												
	Bachelor of Marine Engineering ECP	--	26 - 29 23 - 25 Waitlist	Method 2	4	3	4	--	3	4	Eyesight and Medical at approved SAMSA Medical Practitioner	E (N4) - 50% M (N4) - 50% ES (N4) - 50%	E (5) (50 - 59%) M (5) (50 - 59%) PS (3) with 60%
	Bachelor of Nautical Science ECP												

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), or Diploma in 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.