



creating futures

#WeAreCPUT

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Cape Peninsula  
University of Technology



## INTERESTED IN APPLYING TO CPUT



You should track the progress of your application status on [www.cput.ac.za/study/track](http://www.cput.ac.za/study/track).

Official application status letters are now available for download.

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

**BE SMART. APPLY EARLY.**

### CLOSING DATES

Admission dates are subject to change

**31 July**

Architectural Technology, Fashion, Graphic Design, Interior Design, Jewellery Design & Manufacture, Surface Design and Three Dimensional 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](http://www.cput.ac.za) for updates

### WHAT YOU WILL PAY

**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)*

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

**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



## ARE YOU AN INTERNATIONAL APPLICANT

YOU HAVE TO MEET THE FOLLOWING CRITERIA:

THE FOLLOWING DOCUMENTS ARE REQUIRED:

ALL QUALIFICATION DOCUMENTS



ACADEMIC TRANSCRIPTS



FINAL 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.



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

## DISCOUNT FOR INTERNATIONAL APPLICANTS

5%

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

In addition to the payment listed above 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 & SADC countries and refugees) pay TWO times the fees paid by South African students.

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

# OUR QUALIFICATIONS

CPUT OFFERS A VARIETY OF PROGRAMMES AND EACH HAVE THEIR OWN INDIVIDUAL ADMISSION REQUIREMENTS WHICH STUDENTS MUST MEET IN ORDER TO BE CONSIDERED.

<b>(National) Higher Certificate</b>	<b>One/ Two year full-time study</b> leads to the award of a National Higher Certificate (not all courses offer National Higher Certificates).
∨	
<b>(National) Diploma</b>	<b>Three year full-time study</b> leads to a National Diploma.
∨	
<b>BTech, MTech and DTech</b>	After completion of a National Diploma, students can enroll for a <b>fourth year of study</b> , which will qualify them with a Bachelor of Technology (BTech).  <i>Advanced qualifications (Master's degree and Doctorate) may be obtained through full-time or part-time study.</i>
∨	
<b>Bachelor Degrees</b>	<b>Three/ Four years full-time study</b> leads to a Bachelor degree.
∨	
<b>Baccalaureus Educationis, BEd (Honours), MEd and DEd</b>	<b>Four years full-time study</b> leads to a Bachelor degree in Education (BEd). The BEd Degree leads to the BEd Honours.  <i>Advanced qualifications (Master's degree and Doctorate) may be obtained through full-time or part-time study.</i>

## EXTENDED CURRICULUM PROGRAMMES



CPUT offers the Extended Curriculum Programmes (ECP), an academic support programme that involves innovative teaching and learning practices by extending the first year of the curriculum into two years. The programme is offered in a selected number of departments.

The ECP programme offers the following

smaller classes

intense support from their lecturers and tutors

the same curriculum and qualification offered to the mainstream students

# WHERE WILL YOU CALL HOME?

CPUT HAS SEVERAL CAMPUSES AND SITES. Check out what campus you will be studying at!

## FACULTY OF APPLIED SCIENCES

Analytical Chemistry  
Food Technology  
Horticulture  
Landscape Technology  
Mathematical Technology

## FACULTY OF ENGINEERING

Building, leading to Construction Management and Quantity Surveying  
Cartography (GISc)  
Clothing Management

Engineering: Chemical  
Engineering: Civil  
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 INFORMATICS AND DESIGN

Graphic Design

## BELLVILLE CAMPUS



## 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 INFORMATICS AND DESIGN

Architectural Technology  
Fashion  
Film and Video Technology  
Graphic Design  
Higher Certificate in Information & Communication Technology  
Information & Communication Technology  
Interior Design

Jewellery Design and Manufacture  
Journalism  
Photography  
Public Relations Management  
Surface Design  
Three Dimensional Design, leading to the BTech Industrial Design  
Town and Regional Planning

## 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 HEALTH AND WELLNESS SCIENCES

Optical Dispensing  
Somatology

## FACULTY OF ENGINEERING

Engineering: Chemical



## FACULTY OF BUSINESS & MANAGEMENT SCIENCES

Sports Management

## MOWBRAY CAMPUS

## FACULTY OF EDUCATION

BEd in Senior Phase and Further Education and Training Teaching (Grade 8 to Grade 12)  
Diploma in Education: Grade R (part-time only)  
BEd in Foundation Phase Teaching (Grade R to 3)  
BEd in Intermediate Phase Teaching (Grade 4 to 7)

## GRANGER BAY CAMPUS



## FACULTY OF ENGINEERING

Engineering: Mechanical  
Marine Engineering  
Maritime Studies

## FACULTY OF BUSINESS & MANAGEMENT SCIENCES

Hospitality Management: Accommodation, Food and Beverage or Professional Cookery

## 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

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

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.

## LANGUAGES

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)

20  
credits  
each

## MATHEMATICAL SCIENCES

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

20  
credits  
each

## HUMAN AND SOCIAL STUDIES

- LO** = Life Orientation

10  
credits  
each

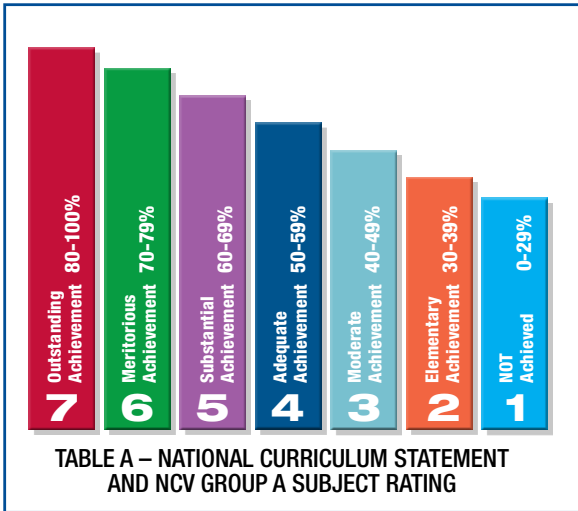
**GROUP  
A**  
fundamental  
component

# DO YOU HOLD A NATIONAL SENIOR CERTIFICATE (NSC)?

HERE ARE YOUR DESIGNATED SUBJECTS:

**GROUP  
B**  
recognised  
NSC electives

\* Designated subjects



20  
credits  
each

### AGRICULTURE

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

20  
credits  
each

### CULTURE AND ARTS

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

20  
credits  
each

### BUSINESS, COMMERCE AND MANAGEMENT STUDIES

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

20  
credits  
each

### ENGINEERING AND TECHNOLOGY

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

20  
credits  
each

### HUMAN AND SOCIAL STUDIES

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

20  
credits  
each

### PHYSICAL, MATHEMATICAL, COMPUTER AND LIFE SCIENCES

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

20  
credits  
each

### SERVICES

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

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

## LANGUAGES

Official Languages at First Additional Language Level 4

**E(FAL)** = English (First Additional Language)

**A(FAL)** = Afrikaans (First Additional Language)

**X(FAL)** = Xhosa (First Additional Language)

20 credits each

## MATHEMATICAL SCIENCES

**M** = Mathematics \*

**ML** = Mathematical Literacy \*

20 credits each

## HUMAN AND SOCIAL STUDIES

**LO** = Life Orientation

10 credits each

GROUP A  
fundamental component

# DO YOU HOLD A NATIONAL CERTIFICATE (VOCATIONAL)?

GROUP B  
COMPONENT  
(NCV Level 4 subjects)  
See table B.

10 credits each

### AGRICULTURE AND NATURE CONSERVATION

**ABV** = Agri-Business  
**APV** = Animal Production  
**APPV** = Advanced Plant Production  
**FPMV** = Farm Planning and Mechanisation

10 credits each

### BUSINESS COMMERCE AND MANAGEMENT

**AAV** = Applied Accounting  
**APV** = Advertising and Promotions  
**BPV** = Business Practice  
**CBV** = 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

10 credits each

### 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

10 credits each

### EDUCATION, TRAINING AND DEVELOPMENT

**ASTV** = Art and Science of Teaching  
**ECDV** = Early Childhood Development  
**HSDV** = Human and Social Development  
**LPV** = Learning Psychology

10 credits each

### LAW, MILITARY SCIENCE AND SECURITY

**APV** = Applied Policing  
**CJPV** = Criminal Justice Process  
**CRIV** = Criminology  
**GOVV** = Governance  
**LEPV** = Law Procedures and Evidence

10 credits each

### PHYSICAL, MATHEMATICAL, COMPUTER AND LIFE SCIENCES

**CPV** = Computer Programming  
**DCNV** = Data Communication and Networking  
**PSV** = Physical Science  
**SADV** = Systems Analysis and Design

10 credits each

### 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

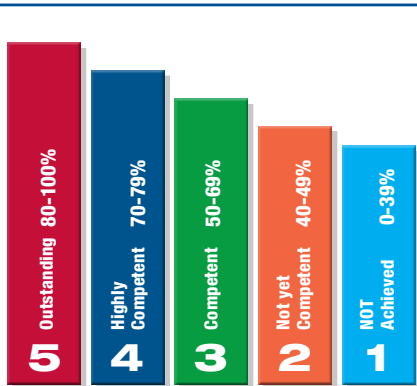


TABLE B – GROUP B NCV SUBJECT RATING





## ND: 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.



## ND: 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.



## ND: 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.



## ND: CONSUMER SCIENCE (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.



## ND: 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.



## ND: 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.



## ND: 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, Forestry and Fisheries, landscape industry, private sector, SANBI, SANPARKS and municipalities.



## ND: LANDSCAPE TECHNOLOGY

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, Department of Agriculture, Forestry and Fisheries, landscape industry, private sector, architectural firms, housing developers.



## ND: MATHEMATICAL TECHNOLOGY

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.



## ND: 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: 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.



	APS score	ENGLISH (HL or FAL)	MATH	MATH LITERACY	LIFE SCIENCES	PHYSICAL SCIENCES	OTHER SUBJECTS
ND: AGRICULTURAL MANAGEMENT	<b>Mainstream:</b> (26) with Math (28) with Math Lit	4	3	5	4	4	<b>Also Required:</b> Agricultural Sciences (4) <b>AND</b> one of the following: Geography (3), Life Sciences (3), Physical Sciences (3), Agricultural Management Practices (3), Economics (3), Agricultural Sciences (3), Agricultural Technology (3)
ND: AGRICULTURE (ANIMAL PRODUCTION, CROP PRODUCTION OR VITICULTURE AND OENOLOGY)	<b>Mainstream:</b> 26	3	3		4	4	<b>One of the following:</b> Life Sciences (4), Physical Sciences (4) <b>AND</b> one of the following: Geography (3), Life Sciences (3), Physical Sciences (3), Agricultural Sciences (3), Economics (3)
ND: ANALYTICAL CHEMISTRY	<b>Mainstream:</b> (30) <b>Extended Curriculum Programme:</b> (27)	3	4		3	4	<b>One of the following:</b> Life Sciences (3), Economics (3), Information Technology (3), Agricultural Sciences (3), Geography (3), Accounting (3)
ND: BIOTECHNOLOGY	<b>Mainstream:</b> (28) <b>Extended Curriculum Programme:</b> (26)	4	4		4	4	<b>Recommended:</b> One the following: Consumer Studies (4), Hospitality Studies (4)
ND: CONSUMER SCIENCE (FOOD AND NUTRITION)	<b>Mainstream:</b> (27) with Math; (28) with Math Lit <b>Extended Curriculum Programme:</b> (24) with Math; (25) with Maths Lit	4	3	4	4	4	
ND: ENVIRONMENTAL HEALTH	<b>Mainstream:</b> (30)	4	4		4	4	<b>Other subjects</b> (Excluding Life Orientation): Literacy (4)
ND: ENVIRONMENTAL MANAGEMENT	<b>Mainstream:</b> (30)	4	4	6	3	3	<b>Other subjects</b> (Excluding Life Orientation): Literacy (3)
ND: FOOD TECHNOLOGY	<b>Mainstream:</b> (29) <b>Extended Curriculum Programme:</b> (26)	4					<b>Either:</b> Physical Sciences (3) and Mathematics (3) and Life Sciences (4) <b>OR:</b> Physical Sciences (3) and Mathematics (4) and Life Sciences (3) <b>OR:</b> Physical Sciences (4) and Mathematics (3) and Life Sciences (3)
ND: HORTICULTURE	<b>Mainstream:</b> (30) with Math; (32) with Math Lit <b>Extended Curriculum Programme:</b> (25) with Math; (27) with Math Lit	4	3	5	3	3	<b>Required:</b> One of the following, Life Sciences (3); Physical Sciences (3) <b>AND</b> two of the following: Life Sciences (3), Physical Sciences (3), Accounting (3), Agricultural Sciences (3), Business (3), Economics (3), Engineering Graphics Design (3), Geography (3), Information Technology (3), Visual Arts (3)
ND: LANDSCAPE TECHNOLOGY	<b>Mainstream:</b> (30) with Math; (32) with Math Lit <b>Extended Curriculum Programme:</b> (25) with Math; (27) with Math Lit	4	3	5	3	3	<b>Either</b> Mathematics (3) or Mathematical Literacy (5) and other 3 subjects on Level (3)
ND: MATHEMATICAL TECHNOLOGY	<b>Mainstream:</b> (33) <b>Extended Curriculum Programme:</b> (28)	4	4			4	<b>Also required:</b> One of the following Physical Sciences (4), Business (4), Economics (4), Accounting (4), Geography (4) <b>AND</b> any other three subjects on Level (3)
ND: NATURE CONSERVATION	<b>Mainstream:</b> (31) with Math; (33) with Math Lit <b>Extended Curriculum Programme:</b> (26) with Math; (28) with Math Lit	4	3	5	4		<b>Also required:</b> Any other three subjects on Level (3)
DIPLOMA: MARINE SCIENCE	<b>Mainstream:</b> (32) <b>Extended Curriculum Programme:</b> (28)	4	3	4	4	3	<b>Also required:</b> Mathematics (3) with Life Sciences (4) for Physical Sciences. Physical Sciences (3) with Mathematical Literacy (4) <b>Also required:</b> Two other subjects on Level (3)



### 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.



### ND: 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.



### ND: 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.



### ND: PUBLIC MANAGEMENT

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.



### ND: 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.



### ND: 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.



### ND: 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.



### ND: 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.



### ND: MANAGEMENT

Graduates are involved in the day to day management of an organisation. They are involved in planning, organising, financial administration and control, coordinating, 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.



### ND: 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.



### ND: OFFICE MANAGEMENT AND TECHNOLOGY

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 interpersonal and organizational skills.

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



### ND: 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.

		APS SCORE	ENGLISH (HL or FAL)	MATH	MATH LITERACY	ACCOUNTANCY	OTHER SUBJECTS
SCHOOL OF ACCOUNTANCY SCIENCES	NHC: Accountancy	37	4	No prescribed achievement scale	No prescribed achievement scale		
	NHC: Accountancy (Extended)	35	4	No prescribed achievement scale	No prescribed achievement scale		
	NHC: Financial Information Systems	40	4	No prescribed achievement scale	No prescribed achievement scale	No prescribed achievement scale	
PUBLIC MANAGEMENT	ND: Public Management	26+	4				
	ND: Public Management (Extended)	22+	4				
MARKETING	ND: Marketing	26+	4	2	4		
	ND: Marketing (Extended)	22+	4	2	4		
HUMAN RESOURCES	ND: Human Resources	26+ (with Math); 28+ (with Math Lit)	4	2	4		At least one of the following commerce subjects: Economics, Accounting, Business
	ND: Human Resources (Extended)	24+ (with Math); 26+ (with Math Lit)	4	2	4		At least one of the following commerce subjects: Economics, Accounting, Business
OFFICE MANAGEMENT AND TECHNOLOGY	ND: Office Management and Technology	26+ (with Math); 28+ (with Math Lit)	4	2	4		Including one of the following subjects: Economics, Accounting, Business, Computer Applications Technology, Information Technology
	ND: Office Management and Technology (Extended)	24+ (with Math); 26+ (with Math Lit)	4	2	4		Including one of the following subjects: Economics, Accounting, Business, Computer Applications Technology, Information Technology
OPERATIONS MANAGEMENT	ND: Operations Management	28+	4	3			
ENTREPRENEURSHIP	ND: Entrepreneurship	26+	4	2	4		
	ND: Entrepreneurship (Extended)	22+	4	2	4		
MANAGEMENT AND PROJECT MANAGEMENT	ND: Management	28+ (with Math); 30+ (with Math Lit)	4	2	4		At least one of the following commerce subjects: Economics, Accounting, Business
	ND: Management (Extended)	24+ (with Math); 26+ (with Math Lit)	4	2	4		At least one of the following commerce subjects: Economics, Accounting, Business
PRINTING MANAGEMENT	ND: Printing Management (Offered in Pretoria only)	None					
RETAIL MANAGEMENT	ND: Retail Management	26+	4	2	4		
SCHOOL OF SPORT, EVENTS, TOURISM AND HOSPITALITY			4				
TOURISM	ND: Tourism Management	28+ (with Math); 30+ (with Math Lit)	4	2	4		Including one of the following subjects: Tourism, Economics, Hospitality Studies, Business Studies, Accounting, Consumer Science, History or Geography
	ND: Tourism Management (Extended)	24+ (with Math); 26+ (with Math Lit)	4	2	4		
EVENTS MANAGEMENT	ND: Events Management	28+ (with Math); 30+ (with Math Lit)	4	2	4		Including one of the following subjects: Tourism, Economics, Hospitality Studies, Business Studies, Accounting, Consumer Science, History or Geography
	ND: Events Management (Extended)	24+ (with Math); 26+ (with Math Lit)	4	2	4		
SPORTS MANAGEMENT	ND: Sports Management	25+ (with Math); 27+ (with Math Lit)	4	2	4		
	ND: Sports Management (Extended)	23+ (with Math); 25+ (with Math Lit)	4	2	4		
HOSPITALITY MANAGEMENT	ND: Accomodation Management	26+ (with Math); 28+ (with Math Lit)	4	2	4	3	
	ND: Food & Beverage	26+ (with Math); 28+ (with Math Lit)	4	2			
	ND: Professional Cookery	26+ (with Math); 28+ (with Math Lit)	4	2			
APPLIED LAW	ND: Real Estate	26+	4	2	4		At least one of the following commerce subjects: Economics, Accounting, Business

GRADE  
8-12**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

4  
years  
full-timeGRADE  
R**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-timeGRADE  
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**POSTGRADUATE STUDY**

- BEd Honours: Educational Management
- BEd Honours: General Education and Training
- BEd Honours: Further Education and Training
- 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.

**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**ADVANCED CERTIFICATE IN EDUCATION (ACE): Multigrade/ Multi-aged teaching**

The primary purpose of the Advanced Certificate in Education (ACE) is to provide education and training in a new area of study such as subject specialisation or to enable educators to update, enrich and/ or supplement their existing knowledge and competence in an area of study.

CAMPUS  
Wellington only

	(NATIONAL SENIOR CERTIFICATE)			NATIONAL CERTIFICATE (VOCATIONAL)
	APS SCORE	SUBJECTS & ACHIEVED SCALE	SELECTION PROCEDURE	
BACHELOR IN EDUCATION: FOUNDATION PHASE TEACHING [BEFNPT]	32	<ul style="list-style-type: none"> <li>Home Language (4)</li> <li>First Additional Language (3)</li> </ul> (One of the languages must be the language of instruction)	<p><b><i>Due to the limited number of places available, admission is not guaranteed.</i></b></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.	At least (60%) in three following fundamental subjects, including the LoLT of the institution: <ul style="list-style-type: none"> <li>English (official language at first additional language level, 20 credits) at NQF level 4</li> <li>Mathematics (20 credits) at NQF level 4 OR Mathematical Literacy (20 credits) requiring a pass rate of at least (70%)</li> <li>Life Orientation (10 credits) at NQF level 4</li> </ul>
BACHELOR IN EDUCATION: INTERMEDIATE PHASE TEACHING [BEINPT]	32	<ul style="list-style-type: none"> <li>Home Language (4)</li> <li>First Additional Language (3)</li> </ul> (One of the languages must be the language of instruction)	<p><b><i>Due to the limited number of places available, admission is not guaranteed.</i></b></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.	
BACHELOR IN EDUCATION: SENIOR PHASE AND FURTHER EDUCATION & TRAINING (FET) TEACHING [BESPFT]	32	Home Language (4) And First Additional Language (3) (One of the languages must be the language of instruction)	<p><b><i>Due to the limited number of places available, admission is not guaranteed.</i></b></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.	
		Students who wish to choose one or more of the following electives must obtain, at NSC level, at least (50%) in the following subjects: <ul style="list-style-type: none"> <li>Mathematics</li> <li>Accounting</li> <li>Physical Science</li> <li>Life Sciences</li> <li>Mathematical Literacy (60%)</li> </ul>		





## 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 (GISc)

Geographical Information Science 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.



## ND: CLOTHING MANAGEMENT

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

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.

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



## 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



## 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.

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

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

Pre-2008 Matriculants must contact the faculty office for information

		APPLICANTS FROM SCHOOL		APPLICANTS FROM TVETs	
		NATIONAL SENIOR CERTIFICATE		NATIONAL CERTIFICATE	NATIONAL CERTIFICATE (VOCATIONAL)
DEPARTMENT	QUALIFICATION	NSC	APS SCORES	NC	NC(V)
		<b>Mathematical Literacy is not accepted within the Faculty of Engineering, except Clothing &amp; Textile Technology. A National Senior Certificate (NSC) as certified by Umalusi with an achievement rating as specified below.</b>		<b>English Language equivalent to the National Senior Certificate</b>	<b>A National Certificate (Vocational) at level (4)</b>
CHEMICAL ENGINEERING	ND: Chemical Engineering	Mathematics (4); Physical Sciences (4); English, First language (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational Subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 60%
CIVIL ENGINEERING & SURVEY	ND: Civil Engineering	Mathematics (4); Physical Sciences (4); English, First language (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational Subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 60%
	ND: Surveying	Mathematics (4); Physical Sciences (4); English, First language (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational Subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 60%
	ND: Cartography (GISc)	Mathematics (4); Physical Sciences (4); English, First language (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational Subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 60%
CLOTHING & TEXTILE TECHNOLOGY	ND: Clothing Management	Mathematical Literacy (4) or Mathematics (2); English, First language (4) <b>Also required, one of the following:</b> Accounting (3); Business (3); Economics (3)		Mathematics, N4 (50%) Clothing Production, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), ML 5 (60-69%) or M2 (30%-30%) <b>Recommended Vocational subjects (NCV4):</b> Business Practice (BPV) 3 or Financial Management (FMV) 3 (50-69%), Applied Accounting (AAV) 3 (50-69%) <b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%)
CONSTRUCTION MANAGEMENT AND QUANTITY SURVEYING	ND: Building	Mathematics (4); English, First language (4) <b>Recommended, any of the following:</b> Accounting (3); Business (3); Economics (3); Civil Technology (3); Engineering Graphic Design (3); Computer Applications Technology (3); Information Technology (3); Physical Sciences (3)	25 (Excluding Life Orientation)	Mathematics, N4 (50%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%)
ELECTRICAL, ELECTRONIC AND COMPUTER ENGINEERING	ND: Electrical Engineering	Mathematics (4); Physical Sciences (4); English, First language (4) <b>Recommended, one of the following:</b> Computer Applications Technology (4); Information Technology (4); Electrical Technology (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%) Electrotechnics, N4 (60%) Digital Electronics, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational subjects (NCV4): at least 3 out of the following:</b> PS 3 (50-69%) with a minimum of at least 60% Electrical Principles and Practice 3 (50-69%) with a minimum of at least 60% Electronic Control and Digital Electronics 3 (50-69%) with a minimum of at least 60% Electrical Workmanship 3 (50-69%) with a minimum of at least 60%
	ND: Computer Systems	Mathematics (4); Physical Sciences (4); English, First language (4) <b>Recommended, one of the following:</b> Computer Applications Technology (4); Information Technology (4); Electrical Technology (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%) Electrotechnics, N4 (60%) Digital Electronics, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational subjects (NCV4): at least 3 out of the following:</b> PS 3 (50-69%) with a minimum of at least 60% Electrical Principles and Practice 3 (50-69%) with a minimum of at least 60% Electronic Control and Digital Electronics 3 (50-69%) with a minimum of at least 60% Electrical Workmanship 3 (50-69%) with a minimum of at least 60%
INDUSTRIAL AND SYSTEMS ENGINEERING	ND: Industrial Engineering	Mathematics (4); Physical Sciences (4); English, First language (4) <b>Recommended:</b> Mechanical Technology (3)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 60%
MECHANICAL ENGINEERING	ND: Mechanical Engineering	Mathematics (4); Physical Sciences (4); English, First language (4) <b>Recommended:</b> Mechanical Technology (3)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 60%
	ND: Mechanical Engineering (Mechatronics)	Mathematics (4); Physical Sciences (4); English, First language (4) <b>Recommended, one of the following:</b> Electrical Technology (3); Information Technology (4), Mechanical Technology (3)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational subjects (NCV4)</b> Compulsory: PS 3 (50-69%) with a minimum of at least 60% Recommended: Electro Technology 3 (50-69%), Mechatronic Systems 3 (50-69%)
MARITIME STUDIES	ND: Mechanical (Marine Engineering)	Mathematics (4); Physical Sciences (4); English, First language (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 60%
	ND: Maritime Studies	Mathematics (4); Physical Sciences (4); English, First language (4)		Mathematics, N4 (60%) Engineering Sciences, N4 (60%)	<b>Fundamental subjects (NCV4):</b> E 5 (60-69%), M 5 (60-69%) <b>Vocational subjects (NCV4):</b> PS 3 (50-69%) with a minimum of at least 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 to students who meet all the current minimum requirements and these waitlisted applicants will only be considered after applicants that meet the minimum admission requirements.





## 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.

4 years



## 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.

1 year



## 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.

4 years



## 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.

3 years



## 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.

4 years

### 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.



## 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.

3 years



## BSc: RADIOGRAPHY

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

### 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.

4 years



## ND: SOMATOLOGY

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

### 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.

3 years

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.

		APS score	ENGLISH (HL or FAL)	LANGUAGE REQUIREMENTS	MATH	MATH LITERACY**	LIFE SCIENCES	PHYSICAL SCIENCES
BIOMEDICAL SCIENCES	BHSc: Medical Laboratory Sciences	36+	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	
	ND: Dental Technology	33+	4	HL 5; FAL 3	3	4	4	3*
	ND: Dental Technology (Extended)	30 - 32	4	HL 5; FAL 3	3	4	4	3*
EMERGENCY MEDICAL SCIENCES	Bachelors: Emergency Medical Care	35+	4		4		4	4
	Bachelors: Emergency Medical Care (Extended)	30 - 34	4		4		4	4
WELLNESS SCIENCES	ND: Somatology	24 (with Math); 25 (with Math Lit)	4 (if HL); 3 (if not HL)	HL 4; FAL 3	3	4	4	
NURSING SCIENCES	BTech: Nursing Science	30+	4		3	4	4	
	BTech: Nursing Science (Extended)	27 - 29	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*
	BSc: Diagnostic Ultrasound	30+	4		4		4	4*
	BSc: Radiation Therapy	30+	4		4		4	4*
	BSc: Nuclear Medicine Technology	30+	4		4		4	4 compulsory

\* = as alternative for Life Sciences

\*\*= as alternative for Math



### ND: 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.



### ND: 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.



### ND: GRAPHIC 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.



### ND: FILM AND VIDEO TECHNOLOGY

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).



### ND: 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.



### ND: 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.



### ND: 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.



### ND: 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

**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.



### ND: PUBLIC RELATIONS MANAGEMENT

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.



### ND: THREE-DIMENSIONAL 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.



### ND: TOWN 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.

		APS score	ENGLISH (HL and FAL)	LANGUAGE REQUIREMENTS	MATH	MATH LIT (as an alternative to M)	ADDITIONAL REQUIREMENTS
ARCHITECTURAL TECHNOLOGY & INTERIOR DESIGN	ND: Architectural Technology		4	HL 4; FAL 3	4	6	Portfolio and selection test
	ND: Interior Design		4	HL 4; FAL 3	2	4	Portfolio and selection test
APPLIED DESIGN	ND: Fashion		4	HL 4; FAL 3	2	4	Prescribed portfolio of art work
	ND: Graphic Design		4	HL 4; FAL 3	2	4	Prescribed portfolio of art work
	ND: Jewellery Design and Manufacture		4	HL 4; FAL 3	2	4	Prescribed portfolio of art work
	ND: Surface Design		4	HL 4; FAL 3	2	4	Prescribed portfolio of art work
	ND: Three-Dimensional Design		4	HL 4; FAL 3	2	4	Prescribed portfolio of art work
MEDIA	ND: Film and Video Technology		4	HL 4; FAL 3	3	5	Letter of motivation
	ND: Journalism		5	HL 5; FAL 4	2	4	
	ND: Photography		4	HL 4; FAL 4	2	4	Questionnaire, interview and informal portfolio
	ND: Public Relations Management		5	HL 5; FAL 3	2	4	Prescribed portfolio
INFORMATION TECHNOLOGY	Higher Certificate in Information and Communication Technology	30	4	HL 4; FAL 3	3	5	
	Diploma in ICT: Applications Development	36	4	HL 4; FAL 3	3	5	
	Diploma in ICT: Communication Networks	36	4	HL 4; FAL 3	3	5	
	Diploma in ICT: Multimedia Applications	36	4	HL 4; FAL 3	3	5	
TOWN & REGIONAL PLANNING	ND: Town and Regional Planning		4	HL 4; FAL 4	4	5	