FACULTY OF APPLIED SCIENCES
Analytical Chemistry
Biotechnology
Consumer Science: Food and Nutrition
Environmental Health
Environmental Management
Marine Science
Nature Conservation

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

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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 qualifications and the HEQSF aligned qualifications. Please consult the CPUT website or the respective faculty for updated information.
YOU HAVE TO MEET THE FOLLOWING CRITERIA LISTED BELOW:
Who would like this:
People who have a passion for food and an interest in the well-being of consumer.

CHEMISTRY

Chemical Processing

Involves the production of materials and products from raw materials through chemical reactions. It is concerned with the design, development, and evaluation of chemical processes and products.

Job opportunities:
- Food technologists
- Quality control
- Environmental scientists

Who would like this:
People who enjoy working in laboratories, who pay attention to detail, have a strong analytical outlook, and are interested in the development and scale production of food products.

FOOD TECHNOLOGY

Food technologists

Are concerned with the production and processing of foodstuffs in industrial scale production and the food industry. They work on the development, production, and processing of food products.

Job opportunities:
- Food technologists
- Quality control
- Environmental scientists

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

BIOTECHNOLOGY

Biotechnologists

Are concerned with the use of living organisms, including planning, care of, and monitoring of water environments for the protection of animals and their habitats.

Job opportunities:
- Biotechnologists
- Quality control
- Environmental scientists

Who would like this:
People who enjoy working in laboratories, who pay attention to detail, have a strong analytical outlook, and are interested in the development and scale production of food products.
DIPLOMA IN REAL ESTATE
Final year: 30 (ML)
ND: Hospitality Management (Extended)
ND: Sports Management
ND: Entrepreneurship
Everyone feels at home when staying in a property that is well designed and decorated.

Job opportunities:
- Real estate agents
- Property managers
- Property valuers
- Property developers
- Architects

Who would like this: Individuals who enjoy working with people.
UNDERGRADUATE STUDY

FURTHER EDUCATION & TRAINING

You can teach Grade 8-12 with the following (FET) subjects in the following combinations.

**Mathematics**
- Afrikaans
- English
- Or Economic & Management Sciences (Accounting)

**Natural Sciences**
- Afrikaans
- English
- Or Economic & Management Sciences

**Technology**
- Afrikaans
- English
- Or Industrial Statistics

**IsiXhosa**
- Afrikaans
- English

**Senior Phase subjects:**
- Two FET electives must link to one of the following:
- Engineering Graphic Design
- Computer Applications Technology
- Life Sciences
- Chemistry
- Physics
- Mathematics
- IsiXhosa
- Afrikaans
- English

**Electives:**
- Accounting
- NQF level 4 OR Mathematical Literacy (60%)
- Life Sciences
- Chemistry
- Physics
- Mathematics
- Home Language
- First Additional Language

**MINIMUM ADMISSION REQUIREMENT (NATIONAL SENIOR CERTIFICATE)**

Due to the limited number of places available, admission is not guaranteed.

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**SELECTION PROCEDURE**

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.

**APPLICABLE SUBJECTS & ACHIEVED SCALE**

<table>
<thead>
<tr>
<th>Subject</th>
<th>Achieved Scale</th>
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</thead>
<tbody>
<tr>
<td>Mathematics</td>
<td>60%</td>
</tr>
<tr>
<td>Life Sciences</td>
<td>60%</td>
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<tr>
<td>Chemistry</td>
<td>60%</td>
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<tr>
<td>Physics</td>
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</tr>
<tr>
<td>Home Language</td>
<td>60%</td>
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<tr>
<td>First Additional Language</td>
<td>60%</td>
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</tbody>
</table>

**POSTGRADUATE CERTIFICATE IN EDUCATION**

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

Further Education and Training (Vocational Teaching)

This course provides a formal educational qualification for artisans and technical and vocational education and training college educators. It provides the values, knowledge and skills necessary to their holistic development.

Successful applicants will have at least an appropriate 3-year degree or diploma with subjects that satisfy the current requirements for employment as an educator.

ECD level 4 and or 5 (without Matric) with experience in Gr R teaching can also apply.

Grade R is offered to students who wish to become a qualified Grade R teacher.
### ND: BUILDING SCIENCE

**Who would like this:** Individuals who are interested in architecture, design, and construction.

**Job opportunities:** Architects, designers, engineers, construction managers.

### ND: CIVIL ENGINEERING

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

**Job opportunities:** Civil engineers, project managers, urban planners.

### ND: CHEMICAL ENGINEERING

**Who would like this:** Individuals who enjoy chemistry, mathematics, and problem-solving.

**Job opportunities:** Chemical engineers, manufacturers, researchers.

### ND: COMPUTER SYSTEMS AND ELECTRICAL AND ELECTRONICS ENGINEERING

**Who would like this:** Individuals who have strong mathematical skills and who are interested in the engineering and/or applications of computing systems and technologies.

**Job opportunities:** Computer engineers, software developers, IT professionals.

### ND: INDUSTRIAL ENGINEERING

**Who would like this:** Individuals who have a strong foundation in mathematics, statistics, and applied mathematics.

**Job opportunities:** Industrial engineers, operations managers, quality control.

### ND: MECHANICAL ENGINEERING

**Who would like this:** Individuals who have a strong foundation in mathematics, physics, and engineering principles.

**Job opportunities:** Mechanical engineers, design engineers, manufacturing professionals.

### ND: MARITIME STUDIES

**Who would like this:** Individuals who have a strong foundation in mathematics, physics, and engineering principles.

**Job opportunities:** Marine engineers, shipbuilders, navigators.

### ND: SURVEYING

**Who would like this:** Individuals who have a strong foundation in mathematics, physics, and surveying principles.

**Job opportunities:** Surveyors, cadastral officers, geomatics professionals.

### ND: TEXTILE TECHNOLOGY

**Who would like this:** Individuals who enjoy design, love variety, and working in the fashion industry.

**Job opportunities:** Fashion designers, textile technologists, fabric developers.
Who would like this:
People who have an interest in the medical field and who enjoy a challenge.

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

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.

Health and Wellness Sciences

BHSc: Medical Laboratory Sciences

DENTAL ASSISTING

HIGHER CERTIFICATE:

- Higher Certificate: Dental Assisting

BACHELORS: EMERGENCY MEDICAL CARE

A career in emergency medical care is both exciting and demanding, requiring rigorous physical fitness to make life and death decisions in an environment of danger.

A career in emergency medical care offers its graduates the perfect balance between working with people and modern scientific technology. A dispensing optician is trained to manufacture and process ophthalmic lenses and other dental applications for patients.

A career in this field offers graduates the perfect balance between working with people and modern scientific technology. A dispensing optician is trained to manufacture and process ophthalmic lenses and other dental applications for patients.

BTECH: Dental Assisting

- BTECH: Dental Assisting

ND: OPTICAL DISPENSING

A career in optical dispensing offers its graduates the perfect balance between working with people and modern scientific technology. A dispensing optician is trained to manufacture and process ophthalmic lenses and other dental applications for patients.

BSc: Radiation Therapy

- BSc: Radiation Therapy

ND: SOMATOLOGY

- ND: Somatology

RTech: Dental Assisting

- RTech: Dental Assisting

ETech: Dental Assisting

- ETech: Dental Assisting

Further evaluation required

Further evaluation required

Further evaluation required

FURTHER REQUIREMENTS

- Further evaluation required

METHOD 1 ON THE REVERSE OF THIS POSTER

Please note: Additional selection criteria may be required to select a background information questionnaire, medical report or similar. Additional selection criteria may be required to select a background information questionnaire, medical report or similar. Additional selection criteria may be required to select a background information questionnaire, medical report or similar. Additional selection criteria may be required to select a background information questionnaire, medical report or similar.
**Diploma in Architectural Technology**

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</tbody>
</table>

**Subject Areas**

- Basic Design
- Technical Drawing
- Design Theory
- Psychology
- Technology
- Mathematics

**Employment Opportunities**

- Property developers
- Government planners
- Local authorities
- Welfare groups
- Consultancies

**Requirements**

- APS 31
- 50% in Mathematics
- 50% in English

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**Diploma in Film Production**

- Students are prepared for careers in the feature film industry.
- Graduates are involved in the production and post-production phases of film-making.

**Subject Areas**

- Film Production
- Cinematography
- Editing

**Technical Skills**

- Film editing
- Sound recording
- Lighting

**Job Opportunities**

- Production and post-production roles in film-making.
- Roles in television and digital media.

**Requirements**

- APS 32
- 50% in English
- 40% in Mathematics

---

**Diploma in Design**

- Students are prepared for careers in the design of digital video, web media, and computer games.
- Graduates are involved in script writing, character design, and interactive environments.

**Subject Areas**

- Graphic Design
- Animation
- Game Design

**Technical Skills**

- Use of design software
- Digital media production

**Job Opportunities**

- Roles in the entertainment industry.
- Designers in digital and print media.

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

---

**Diploma in Interior Design**

- Students are prepared for careers in the design of spaces for living and working.
- Graduates are involved in interior design, spatial planning, and property development.

**Subject Areas**

- Interior Design
- Colour Theory
- Furniture Design

**Technical Skills**

- Use of design software
- Drafting and rendering

**Job Opportunities**

- Roles in interior design firms.
- Property developers

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

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**Diploma in Jewellery Design**

- Students are prepared for careers in the design and manufacture of jewellery.
- Graduates are involved in the design and production of jewellery.

**Subject Areas**

- Jewellery Design
- Technical Drawing

**Technical Skills**

- Metalworking skills
- Pattern-making and sewing

**Job Opportunities**

- Roles in jewellery design studios.
- Jewellery manufacturers

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

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**Diploma in Product Design**

- Students are prepared for careers in the design of products for various industries.
- Graduates are involved in the design of consumer goods.

**Subject Areas**

- Product Design
- Industrial Design

**Technical Skills**

- Use of design software
- Prototyping

**Job Opportunities**

- Roles in product design firms.
- Manufacturing companies

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

---

**Diploma in Fashion Design**

- Students are prepared for careers in the design of clothing and accessories.
- Graduates are involved in the design of fashion collections.

**Subject Areas**

- Fashion Design
- Textile Design

**Technical Skills**

- Drawing and sketching
- Pattern-making and sewing

**Job Opportunities**

- Roles in the fashion industry.
- Fashion retailers

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

---

**Diploma in Theatre Design**

- Students are prepared for careers in the design of sets and costumes for theatre and film.
- Graduates are involved in the design of theatre and film sets.

**Subject Areas**

- Theatre Design
- Set Design

**Technical Skills**

- Use of design software
- Scale model-making

**Job Opportunities**

- Roles in theatre companies.
- Film production companies

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

---

**Diploma in Graphic Design**

- Students are prepared for careers in the design of visual communication.
- Graduates are involved in the design of brochures and promotional materials.

**Subject Areas**

- Graphic Design
- Branding

**Technical Skills**

- Use of design software
- Typography

**Job Opportunities**

- Roles in graphic design firms.
- Advertising agencies

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

---

**Diploma in Journalism**

- Students are prepared for careers in the media industry.
- Graduates are involved in the production of media content.

**Subject Areas**

- Journalism
- Media Studies

**Technical Skills**

- Writing and editing
- Audiovisual production

**Job Opportunities**

- Roles in media organizations.
- Advertising agencies

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English

---

**Diploma in Public Relations and Communication**

- Students are prepared for careers in the field of public relations and communication.
- Graduates are involved in the planning and execution of communication strategies.

**Subject Areas**

- Public Relations
- Media Studies

**Technical Skills**

- Media production
- Crisis management

**Job Opportunities**

- Roles in public relations firms.
- Advertising agencies

**Requirements**

- APS 32
- 50% in Mathematics
- 40% in English
Journalists collect, write or distribute news or other current information in various media, such as newspapers, radio and television, or for publication and distribution on the internet. They write, report, or edit news stories, articles, commentaries, and editorials. They prepare press releases, public relations briefs, speeches, and other written materials. They write articles on a wide variety of topics, such as politics, science, entertainment, and sports.

Journalists need a certain level of education or training in writing, editing, and researching. They also need strong writing skills, the ability to communicate effectively with others, and the ability to work under pressure. They need to be able to work independently and to meet deadlines. Many journalists also need to have a good understanding of current events and the ability to analyze complex issues. Some journalists specialize in a particular subject or field, such as sports or business, while others work in general news or feature writing.

Materials and equipment used by journalists include typewriters, computers, and mobile devices. They also use reference materials, such as newspapers, books, and online databases.

Job opportunities: Information technology companies (Applications Development & Communication Networks graduates). Design industry, advertising agencies & the media industry (Multimedia Applications graduates). Newspapers, magazines, marketing companies, public relations companies, government.