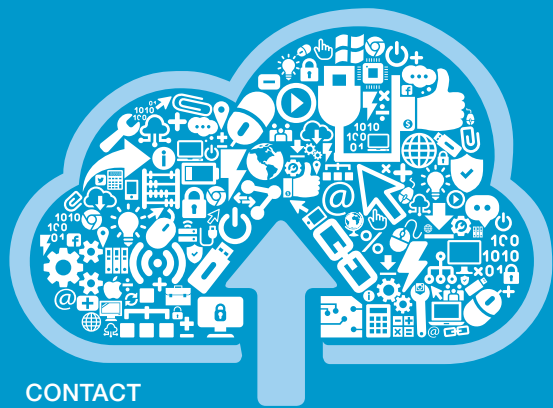


Start your future career in Computer Systems Engineering

National Diploma in Engineering
(Computer Systems)



CONTACT

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Cape Peninsula
University of Technology
creating futures

#weare
CPUT
creating futures

YOUR FUTURE SELF

Future studies

BTech: Engineering (Computer systems)
MEng: Engineering (Computer systems)
DEng: Engineering (Computer systems)

Future industries

MTN
Eskom
Tellumat
Caltex
Siemens
Vodacom
Telkom
Transtel
Grand West Casino
SKA
Satellite industry
South African Weather Service
South African Observatory
Air Traffic and Navigation Services
Spoornet
Self-employment

Future career

You will be accredited through the Engineering Council of South Africa (ECSA) and will comply with the academic requirements for registration as a Professional Technician.

creating futures in engineering

Do you like taking apart and rebuilding things?

As an electrical engineer you will be the driving force behind the technological age.

With this qualification you can choose to work in various sectors of the industry.

YOU WILL LIKE THIS IF

You enjoy electronics and have strong mathematical skills.

YOU WILL STUDY AT

Bellville Campus

YOU WILL STUDY FOR

Three years, full-time

WHAT YOU NEED

Minimum Admission Requirements

National Senior Certificate (NSC/ Grade 12) with:
*A minimum achievement rating of 4 in at least 4 NSC 20-credit subjects.

- English (4)
- Mathematics (4)
- Physical Science (4)

Recommended: Any of the following

- Computer Applications Technology (4)
- Information Technology (4)
- Electrical Technology (4)

National Certificate:

- Mathematics (N4/ 60%)
- Engineering Science (N4/ 60%)
- Electrotechnics (N4/ 60%)
- Digital Electronics (N4/ 60%)

National Certificate Vocational (NCV):

- English (60 – 69%)/ (5)
- Mathematics (60 – 69%)/ (5)

At least one of the following:

- Physical Science (60%)/ (3)
- Electrical Principles & Practice (60%)/ (3)
- Electronic Control & Digital Electronics (60%)/ (3)
- Electrical Workmanship (60%)/ (3)

The department utilises an Admission Point Score (APS) as selection criteria once your minimum admission requirements are satisfied. You also have to score a minimum of **30** on the APS.

DISCLAIMER

Meeting the minimum requirements does not guarantee admission. This information is subject to change based on approval and accreditation of HEQSF aligned qualifications during 2018/ 2019.

Admission requirements may therefore differ between the existing qualification and the HEQSF aligned qualification. Please consult the CPUT website or faculty for updated information. Every effort has been made to ensure the accuracy of the information in this pamphlet; however the University reserves the right at any time, if circumstances require to make changes to any of the published details.

YOUR SUBJECTS

FIRST YEAR

- First year
- Communication Skills 1
- Computer Skills 1
- Digital Systems 1
- Electrical Engineering 1
- Electronics 1
- Mathematics 1
- Projects 1
- Digital Systems 2
- Electrical Engineering 2
- Electronics 2
- Mathematics 2
- ** Programming 1

SECOND YEAR

- Mathematics 3
- Network Systems 2
- Programming 2
- Projects 1
- Systems Analysis 2
- Database Principles 3
- Design Project 3
- Digital Systems 3
- Network Systems 3
- Programming 3
- Computer Systems Practice 1
- Computer Systems Practice 2

THIRD YEAR

- Computer Systems Practice 1
- Computer Systems Practice 2



Your on-the-job training

Experiential learning may also be undertaken after completion of ten full academic credits. An academic credit defined as a value of 0.1. Limited placement opportunities are available via our Work-Integrated Learning (WIL) coordinators, but it remains the responsibility of the student to see their own employment.

HOW TO APPLY



MANUAL APPLICATIONS

Do you qualify to apply manually?

Please note: a non-refundable application fee will be applicable. Manual applications are only available to the following persons:

- Applicants applying for RPL (Recognition of Prior Learning)
- Non-South African citizens
- South-African citizens with international qualifications
- Applicants with permanent residence in South Africa
- Refugee asylum seeker temporary permit/ formal recognition of refugee status in the RSA

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



ONLINE APPLICATIONS

Do you qualify to apply online?

ONLINE APPLICATIONS ARE FREE

The following persons may only apply online, i.e. no manual applications will be allowed:

- South African citizens with South African qualifications
- Returning students with a break in studies (more than 1-year break)

- 1 Choose your qualification by consulting this brochure or the website
- 2 Gather your documents (i.e. certified copies less than three months old)
- 3 Download the online application 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

CLOSING DATES

31 AUGUST
International applicants

30 SEPTEMBER
South African citizens