Start your future career in Computer Systems 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.

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.

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%)
- Electronics (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%)/(5)
- Electrical Principles & Practice (60%)/(3)
- Computer Application & Digital Electronics (60%)/(5)
- 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.

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
- Applicants with permanent residence in South Africa
- Applicants with international qualifications
- Non-South African citizens with international qualifications
- Non-South African citizens without a permanent residence in South Africa
- Refugees studying temporarily pending formal recognition of refugee status in the RSA

Choose a qualification
Complete an application form
Gather your documents (i.e. certified copies less than three months old)
Fill in the application form
Pay the application fee
Send your completed application form and certified documents to our District Six, Bellville, Mowbray, or Wellington Campuses (Admin buildings)
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?

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)

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

DISCLAIMER

Meeting the minimum requirements does not guarantee admission. This information is subject to change based on approval and accreditation of HESQF aligned qualifications during 2019/2019. Admission requirements may therefore differ between the existing qualification and the HESQF-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.

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