

Start your future career in Civil Engineering

Diploma in Civil Engineering



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Cape Peninsula
University of Technology
creating futures

#weare
CPUT
creating futures

YOUR FUTURE SELF

Future studies

Advanced Diploma in Civil Engineering
Postgraduate Diploma in Civil Engineering
Bachelor of Engineering (Honours) in Civil Engineering
Master of Engineering in Civil Engineering
Doctor of Engineering in Civil Engineering

Future industries

Building industry
Consultant firms
Private organisations
State departments and agencies
Local authorities and municipalities

Future career

Civil Engineering Technician
Contractor
Consultant
Entrepreneur

creating futures in engineering

Do bridges, large concrete structures and roads fascinate you?

As a Civil Engineering Technician you will be involved in all spheres of the development of bridges, dams, roads, harbours and other structures.

From designing structures to costing and pricing materials, your work will be key to an engineering team.

YOU WILL LIKE THIS IF

You are innovative, logical, creative and have strong problem-solving skills.

YOU WILL STUDY AT

Bellville Campus

YOU WILL STUDY FOR

Three years, full-time

WHAT YOU NEED

Minimum Admission Requirements

National Senior Certificate (Grade 12) with a minimum of 50% in the following subjects:

- English, First Additional Language (4)
- Mathematics (4)
- Physical Science (4)

Alternatively

FET College at a N4 level with a minimum of 60% in the following subjects:

- Engineering Science (N4 Building Science is not an alternative for Engineering Science N4)
- Mathematics

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

New qualifications are being introduced at CPUT to align with the new Higher Education qualification sub-Framework (HEQSF) as Gazetted by the South African Department of Education on 2 August 2013. To view all our new qualifications in the Faculty of Engineering, scan this code.

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

- Engineering Chemistry
- Engineering Mathematics
- Construction Materials Technology
- Engineering Drawing
- Computer Skills
- Surveying
- Applied Mechanics
- Theory of Structures
- Professional and Technical Communication

THIRD YEAR

- Applied Mathematics
- Water Engineering 2
- Engineer in Society
- Engineering Design
- Integrated Computer Project
- Civil Industrial Project (WIL)

SECOND YEAR

- Engineering Mathematics
- Water Engineering
- Engineering Management
- Structural Analysis
- Geotechnical Engineering
- Transportation Engineering
- Civil engineering Documentation
- Engineering Drawing
- Introduction to Environmental Engineering



Your on-the-job training

Workplace-based learning will provide you with an uninterrupted period of **six (6) months** where you will obtain practical experience. You will be expected to produce a technical report of your work activities, while being monitored by Work Integrated Learning (WIL) coordinators in the workplace. A log-book of activities will be required, as well as an oral presentation.

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