

2019

Start your future career in Industrial Engineering

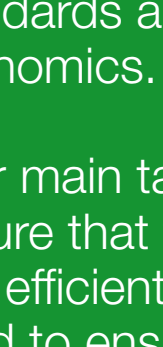
Diploma in Engineering (Industrial)



CONTACT

- +27 21 959 6600
- NgondaS@cput.ac.za

Engineering | FACULTY



Cape Peninsula University of Technology
creating futures

Do you like keeping things in check?

As an Industrial Engineer you will 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.

Your main task will be to ensure that the most effective and efficient processes are used to ensure improved productivity in industry.

YOU WILL LIKE THIS IF	You have strong planning and organisational skills and an interest in the engineering or service sector.
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:

- Mathematics (4)
- Physical Science (4)
- English 1st language (4)
- Recommended: Mechanical Technology (3)

National Certificate:

- Mathematics, N4 (60%)
- English, N4 (60%)
- Science, N4 (60%)

Vocational subjects (NCV4):

- Physical Science (3) with a minimum of at least 60%

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.

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 FUTURE SELF

Future studies

- Advanced Diploma in Industrial Engineering
- Postgraduate Diploma in Engineering Management
- Masters in Engineering Management
- Doctorate in Engineering Management

Future industries

- Engineering
- Manufacturing
- Service-based Industries
- Government
- Banking
- Transport

Future career

- Industrial Engineering Technicians/ Technologist/ Engineer

creating futures in engineering

YOUR SUBJECTS

FIRST YEAR

- Engineering Mathematics 1
- Engineering Physics
- Industrial Engineering Design
- Engineering Management
- Engineering Manufacturing Technology

SECOND YEAR

- Engineering Work study
- Industrial Production Engineering
- Engineering Mathematics 2
- Qualitative Techniques
- Engineering Economics

THIRD YEAR

- Computer Integrated Manufacturing
- Facility Layout and Materials Planning
- Systems Engineering
- Operations Research
- Industrial Engineering Project



Your on-the-job training

You will be required to complete a minimum of **six (6) months of in-service training**. You will also complete compulsory service learning projects.

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

- 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
- Hand deliver or post your form and certified copies of 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 application online 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

CLOSING DATES

31 AUGUST
International applicants

30 SEPTEMBER
South African citizens