Have you always been fascinated by how things work? Have you always found better ways to make things work? Then this course is for you.

With a National Diploma in Mechanical Engineering, you will use techniques to conceptualise, design, analyse, manufacture and maintain mechanical systems as well as solve engineering problems.

This exciting career offers you a wide choice of career paths, from manufacturing racecars to building satellites.

## 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, Home or First Additional Language (4)
- Mathematics (4)
- Physical Science (4)

**Recommended: One of the following**

- Electrical Technology (5)
- Engineering Graphics & Design (3)
- Mechanical Technology (3)

**National Certificate Vocational (NCV)**

- English (60 – 69%)/ (5)
- Mathematics (60 – 69%)/ (5)
- Physical Science (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 for the mainstream courses, 27 – 29 for the Extended Curriculum Programme (ECP), 23 – 26 should you be wait-listed.

### HOW TO APPLY

**ONLINE APPLICATIONS**

Do you qualify to apply online?

- 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
  - Refugees with permit temporary formal recognition of refugees issued in the RSA

Please note:

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/tracking

**MANUAL APPLICATIONS**

Do you qualify to apply manually?

- 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)
  - Refugees with permit temporary formal recognition of refugees issued in the RSA

Please note:

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/tracking

### CLOSING DATES

- 31 AUGUST
- 30 SEPTEMBER

### Your on-the-job training

You will complete compulsory service learning projects during your first and third year, whilst gaining work experience in industry. Work experience can be gained in various areas of industry such as air-conditioning installation and repairs, maintenance and service of various plant machinery, motor vehicles, buildings, etc.

### Faculty

Future studies
- B.Tech: Mechanical Engineering
- M.Tech: Mechanical Engineering
- D.Tech: Mechanical Engineering

Future industries
- Aviation industry
- Research and Development
- Manufacturing industry
- Academic institutions
- ACSA, SAA, Denel, Mintek, Council for Scientific and Industrial Research (CSIR), De Beers, Billiton, BMW, Ford, Volkswagen, Daimler-Chrysler, Toyota, Iscor, SRISA, Cheron, Coca Cola, Iscor, ArcelorMittal Steel, Eskom

Future career
- Technician
- Technologist
- Engineer
- Production manager
- Project manager
- Technical manager
- Draughtsmen
- Offshore driller

### 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 2019/2019.

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.