Do you want to improve the world?

From designing robotic assembly lines for the car industry to machines that bottle and label cool drinks, individuals with skills in mechatronics are sought after in all industries.

With skills in mechatronics you will develop new systems by combining elements of electrical engineering, computer science and mechanical engineering.

YOUR SUBJECTS

FIRST YEAR
- Engineering Mathematics
- Engineering Mechanics
- Computer Engineering
- Electrical and Electronics Engineering
- Engineering Drawing
- Professional Communication
- Physical Science
- Mechanical Engineering Manufacturing

SECOND YEAR
- Applied Mathematics
- Industrial Automation
- Control Systems
- Mechanical Engineering Design
- Thermo-Fluids 2
- Strength of Materials
- Mechanics of Machines
- Embedded Systems

THIRD YEAR
- Computer Aided Manufacturing
- Applied Strength of Materials
- Thermo-Fluids 3
- Mechatronics Design
- Process Control and Industrial Networking
- Global Environmental Studies
- Engineering Management
- Mechatronics Industrial Project

WHAT YOU NEED

Minimum Admission Requirements

National Senior Certificate (Grade 12) with:
- English (4)
- Mathematics (4)
- Physical Science (4)

Recommended:
- Information Technology (4)
- Mechanical Technology (4)
- Electrical Technology (4)

Or FET at N4 level:
- English (4)
- Mathematics (60%); Engineering Science (60%)

Recommended:
- Information Technology (60%); Mechanical Technology (60%); Electrical Technology (60%)

The department utilizes an Admission Point Score (APS) as selection criteria once your minimum admission requirements are satisfied. You also have to score a minimum of 25 on the APS.

New qualifications are being introduced at CPUT to align with the new Higher Education qualifications during 2019/2019. Admission requirements may therefore differ between the existing qualification and the HEDSF 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.

DISCLAIMER

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

HOW TO APPLY

MANUAL APPLICATIONS

Do you qualify to apply manually?

Please note: a non-refundable application fee will be applicable.

APPLICATIONS ARE FREE

31 AUGUST

International applicants

30 SEPTEMBER

South African citizens

CLOSING DATES

Your on-the-job training

You will complete compulsory service learning projects while you work during your third year.

CONTACT

ayodeleo@cput.ac.za

+27 21 953 8431

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