Are you interested in a life at sea?

Once you graduate you will enter the exciting world of marine engineering propulsion plant and equipment maintenance, which means you have the option to work on boats, ships, oil rigs and any other marine vessels or structure.

Marine Engineering at CPUT is an internationally recognised qualification.

WHAT YOU NEED

Minimum Admission Requirements

- National Senior Certificate (Grade 12) with:
  - English, First/Second Language/First Additional Language (4)
  - Mathematics (4)
  - Physical Science (4)

Additional Admission Requirement:

- 21 years or younger at the time of registration

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
- Computer studies
- Communication studies
- Legal knowledge (Module A)
- Mathematics
- Marine science (Mechanics)
- Marine engineering knowledge (Module A)
- Electrotechnology
- Mechanics of Machines (Thermodynamics)
- Fluid Mechanics
- Naval Architecture
- Shipbuilding Technology (Theor)
- Shipbuilding Technology (Practical)
- Engineering Drawing
- Marine Engineering Knowledge (Module B)

SECOND YEAR
- Experimental learning (sea time)
- You will be required to complete a minimum of one (1) year unlimited sea service aboard vessels with an engine capacity of more than 750kW.

THIRD YEAR
- Legal knowledge (Module B)
- Internal Combustion Engines (steam)
- Internal Combustion Engines (Mechanics)
- Strengths of Materials
- Electrotechnology
- Naval Architecture
- Marine Engineering Knowledge (Module A)
- Electrical plant
- Mechanical plant
- Refrigeration (Thermodynamics)
- Steam plant
- Marine Engineering Knowledge (Module A)
- Marine Engineering Knowledge (Module B)
- Maintenance Engineering (Strengths of Materials)
- Heat Engines (Mechanics of Machines)

YOUR FUTURE SELF

Future studies
CPUT is in the process of developing further studies in Marine Engineering.

Future industries
- Offshore oil and gas
- Shore-based maritime industry
- Renewable energy
- Salvage operations

Future career
- Engineer Officer
- Second Engineer Officer
- Chief Engineer Officer
- Opportunities in shore based employment exist in the maritime industry.

HOW TO APPLY

MANUAL APPLICATIONS
Do you qualify to apply manually?

- 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 categories may 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

Your on-the-job training
You will be required to complete one year of sea service approved by the South African Maritime Safety Authority, aboard a vessel with an engine capacity of more than 750kW.