

2019

Start your future career in Marine Engineering

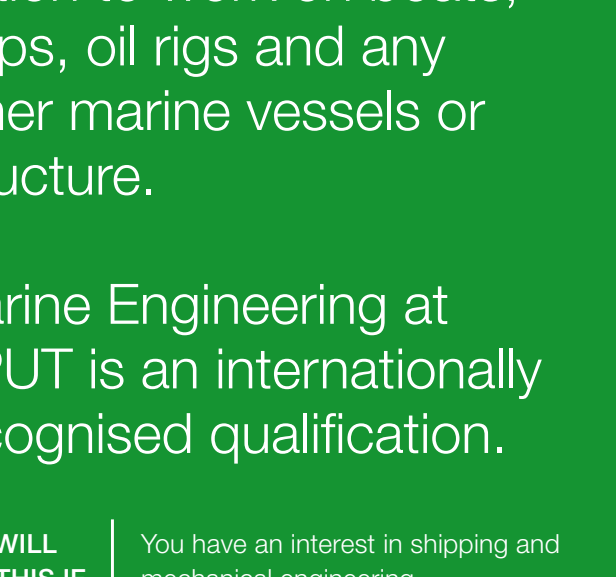
National Diploma in Engineering (Mechanical: Marine)



CONTACT

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Engineering | FACULTY



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.

YOU WILL LIKE THIS IF	You have an interest in shipping and mechanical engineering.
YOU WILL STUDY AT	Granger Bay campus, 48 Beach Road, Mouille Point
YOU WILL STUDY FOR	Two years, full-time One year, sea time

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
 - South African Maritime Safety Authority (SAMSA) eyesight test and medical examination for seafarers

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.

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

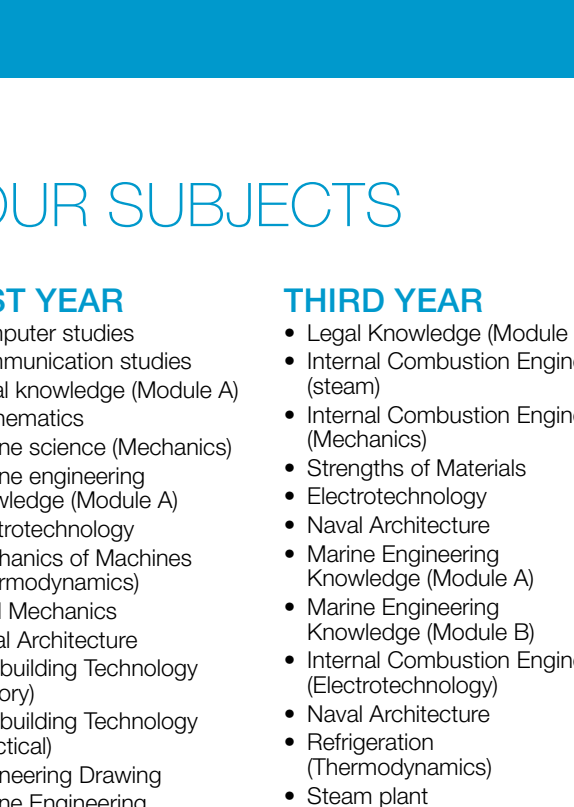
CPUT is in the process of developing further studies in Marine Engineering.

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.



YOUR SUBJECTS

- | | |
|---|--|
| <p>FIRST YEAR</p> <ul style="list-style-type: none"> 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 (Theory) Shipbuilding Technology (Practical) Engineering Drawing Marine Engineering Knowledge (Module B) | <p>THIRD YEAR</p> <ul style="list-style-type: none"> Legal Knowledge (Module B) Internal Combustion Engines (steam) Internal Combustion Engines (Mechanics) Strengths of Materials Electrotechnology Naval Architecture Marine Engineering Knowledge (Module A) Marine Engineering Knowledge (Module B) Internal Combustion Engines (Electrotechnology) Naval Architecture Refrigeration (Thermodynamics) Steam plant Marine Engineering Knowledge (Module A) Marine Engineering Knowledge (Module B) Maintenance Engineering (Strengths of Materials) Heat Engines (Mechanics of Machines) |
| <p>SECOND YEAR</p> <ul style="list-style-type: none"> Experiential 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. | |

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.

HOW TO APPLY

MANUAL APPLICATIONS

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

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