

# Career Information

## Diploma in Nautical Studies (sea-going)

### Location

Steve Biko Campus (S6, Level 5)

### Description of the Programme

The Diploma in Nautical Studies represents a level of qualification that recognises the ability to gain and apply a range of focused, specialised, skills and understanding. Graduates of the diploma would be able to display competence in the application of knowledge in a broad range of varied work activities associated with an international career at sea.

### Career opportunities

The first line of employment may lie within a shipping company or with Transnet National Ports Authority (TNPA), where the graduate will enter the industry as a Deck Cadet, and on completion of the requisite sea-time, further study/training and ancillary courses, could one day aspire to the command of an ocean-going vessel or work in a number of divisions within TNPA (including tugs, pilotage, dredging and vessel traffic services).

Opportunities also exist with the South African Navy (SAN). However, the student will need to meet the stringent physical and medical requirements of SAN. A graduate with the Diploma in Nautical Studies with sea-going experience can transit ashore into a number of positions in areas such as surveying; technical management; education, training and development; and crewing management.

### Explanation of Points scale:

symbol	Senior Certificate	
	Higher Grade	Standard Grade
A	8	6
B	7	5
C	6	4
D	5	3
E	4	2
F	3	1

%	NSC Level	Points
90-100	7	8
80-89%	7	7
70-79%	6	6
60-69%	5	5
50-59%	4	4
40-49%	3	3
30-39%	2	2
20-29%	1	1

### Entry Requirements

DEPARTMENTAL NSC REQUIREMENTS		DEPARTMENTAL SENIOR CERTIFICATE REQUIREMENTS		
NSC Diploma Entry		A Senior Certificate with a pass in English or equivalent qualification.		
Compulsory Subjects	NSC Rating Code	Compulsory Subjects	HG	SG
English (home) <b>OR</b> English (1st additional)	4	English	E	D
Mathematics	4	Mathematics	E	D
Physical Science	4	Physical Science	E	D

OR

### NCV 'Level 4 with statutory requirements for a diploma entrance:

English, Maths and Physical Science (or recognised equivalent) at level 5 60%.

OR

**N4 Certificate** in appropriate subjects with a pass in English NSC 4 and one of the following credit combinations:

- 2 recognised 20 credit NSC subjects and Mathematics with a rating of 4 and N4 Engineering Science with a minimum achievement of 50%; or
- 2 recognised 20 credit NSC subjects and Physical Science with a rating of 4 and N4 Mathematics with a minimum achievement of 50%; or
- 3 recognised 20 credit NSC subjects with a rating of 4 and N4 Engineering Science and Mathematics with a minimum achievement of 50%

OR

### Admission Requirement based upon Work Experience, Age and Maturity

For admission to entry level DIPLOMA and certificate studies:

A person may, subject to such requirements as the Senate may determine, be admitted to the Institution even if such a person is not in a possession of a National Senior Certificate, Senior Certificate or an equivalent certificate, provided that:

- The person shall have reached the age of 23 in the first year of registration and shall have at least:
  - three years' appropriate work experience; and/or
  - capacity for the proposed instructional programme, which shall be assessed at the discretion of the respective Head of Department by a Senate approved admission assessment comprising of a DUT Standardised Assessment Test for Access and Placement (SATAP), Academic Literacies (AI) & English for Academic Purposes (EAP) and/or an appropriate subject or programme specific written assessment designed and marked by the relevant Department; and

- The relevant Faculty Board shall be satisfied that the person's standard of communication skills, ability to study successfully and/or work experience are such that the person, in the opinion of the relevant Faculty Board, should be able to complete the proposed instructional programme successfully. If required, the communication skills and study skills should be tested; and
- The person's application for admission in terms of work experience, age and maturity is approved prior to registration.

**Applicants intending to gain admission through work experience, age and maturity must submit their applications at least four months before commencement of the academic year inclusive of the date of scheduling writing a requisite eligibility assessment.**

**Additional Entry Requirements:** SAMSA eyesight to be completed once Firm Offer has been made.

### Tuition Fees

To assist you with your planning, the 2019 fees have been indicated.

**PLEASE NOTE:** DUT cannot be held liable for the fees in this brochure as the 2020 fees are not yet final.

First Year Curriculum Semester One	2019 Fees
Marine Mathematics I	R2 950
Marine Science I	R3 690
Communication Skills I	R2 950
Computer Skills and Information Literacy I	R2 950
DUT Cornerstone I01	<u>R2 950</u>
<b>Total</b>	<b><u>R15 490</u></b>

### Semester Two

Marine Mathematics 2	R2 950
Marine Science 2	R3 690
Introduction to Shipboard Operations	R2 950
Electronic Navigation Systems I	R1 970
Leadership (elective)	R1 850
Values in the Workplace (elective)	R1 970
Applied Sciences and Society	R2 950
Violence and Non-violence (elective)	R1 850

### Second Year Curriculum

#### Semester Three

Navigation Meteorology & Environ. Man. I	R1 970
Navigation Electronic System II	R1 970
Shipboard Management I	R3 940
Ship Stability and Construction I	R1 970
The Entrepreneurial Edge (elective)	R1 970
The Global Environment (elective)	R1 850

### Semester Four

Navigation-Meteorology & Environ. Man. II	R2 950
Navigation-Electronic III	R2 950
Shipboard Management II	R2 950
Ship Stability and Construction II	R2 950
Applied Science and Wellness	R2 950
<b>Total</b>	<b><u>R14 750</u></b>

### Third Year Curriculum

#### Semester Five

Navigation-Calculations I	R2 950
Navigation-Ocean and Coastal Navigation I	R4 920
Shipboard Management III	R2 950
Ship Stability and Construction III	R2 950
Equality and Diversity (elective)	R1 850
HIV and Communicable Diseases in KZN (elective)	R1 970

#### Semester Six

Navigation-Calculations II	R1 970
Navigation-Ocean and Coastal II	R3 690
Navigation-Simulation (Radar and ARPA)	R3 690
Navigation-Simulation (ECDIS)	R3 690
Marine Engineering Systems	R2 950
Applied Sciences for Environment Sustainability (Elective)	R2 950
Applied Sciences and Community Engagement (Elective)	R2 950

### FOR FURTHER INFORMATION

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DURBAN  
4000  
Tel: (031) 373 2144  
Fax: (031) 373 2137  
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### APPLICATION FORMS

Contact the Central Applications Office (C.A.O)

**CAO Code:** DU-D-NS3

Address letters to:

Central Applications Office

Private Bag X06

Dalbridge

4014

Tel: (031) 2684444

Fax: (031) 2684422

Apply online: <http://www.cao.ac.za>

**Closing Date for Applications:** 30 September 2019

### Financial Aid

For Financial Aid application for a DUT programme please apply online at [www.nsfas.org.za](http://www.nsfas.org.za) or call the NSFAS call centre on 0860 067 327.

For an explanation on how to fill out the application form, please go to [www.nsfas.org.za](http://www.nsfas.org.za) or contact the call centre on the number above.

Please note that completing a form does not guarantee Financial Aid. For further assistance, please consult the Department of Financial Aid and Scholarships on (031)373 2931/2557/2054.



CAREER INFORMATION

**DIPLOMA IN  
NAUTICAL STUDIES**

1 JANUARY - 31 DECEMBER

**2020**

*This leaflet is for information purposes only and is not binding on the Durban University of Technology.*