

## Programme Structure/Study Plan

### Semester 1- Year 1

Module Code	Descriptive title	Total Hours	Credit Points
DMATH-I	Math 1	4	10
DPHYS-I	Physics 1	4	10
DENG-I	English 1 [Communication Skills]	8	10
D-WATCH-I	Deck Watchkeeping & Collision Regulations 1	4	10
DSEAM-I	Ships, Ships Routines & Construction	4	10
DTNAV-I	Terrestrial Navigation 1	4	10
DPE-I	<i>Physical Exercise &amp; Swimming</i>	2	0
	<b>Sub total</b>	<b>30</b>	<b>60</b>

### Semester 2 – Year 1

Module Code	Descriptive title	Total Hours	Credit Points
DMATH-II	Math 2	4	6
DPHYS-II	Physics 2	4	6
DENG-II	English 2 [Communication Skills]	8	10
DTNAV-II	Terrestrial Navigation 2	4	8
D-WATCH-II	Deck Watchkeeping & Collision Regulations 2	4	8
DSEAM-II	DSEAM-II	4	8
DSTAB-I	Stability 1	4	8
DMARLAW-I	Maritime Law 1	2	6
DPE-II	<i>Physical Exercise &amp; Swimming 2</i>	2	0
	<b>Sub total</b>	<b>36</b>	<b>60</b>

### Semester 3 - Year 2

Module Code	Descriptive title	Total	Credit
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		Hours	Points
DTRB-I	Training Record Book I (Apprenticeship at Sea)		60
	<b>Sub total</b>		<b>60</b>

#### Semester 4 - Year 2

Module Code	Descriptive title	Total Hours	Credit Points
DMATH-III	Math-III	4	8
DENG-III	English 2 [Marine Vocabulary and Terms]	6	8
DCHEM-I	General Chemistry + Fuel Oils and Lubrication	4	8
D-WATCH-III	Deck Watchkeeping & Collision Regulations-III	4	6
DTNAV-III	Terrestrial Navigation 3	4	6
DCNAV-I	Celestial Navigation 1	2	6
DSEAM-III	Cargo Handling & Stowage 2	2	6
DSTAB-II	Dynamic Transverse And Longitudinal Stability 2	2	6
DMARLAW-II	<i>Maritime Law 2</i>	2	6
DPE-III	<i>Physical Exercise 3</i>	2	0
	<b>Sub total</b>	<b>32</b>	<b>60</b>

#### Semester 5 – Year 3

Module Code	Descriptive title	Total Hours	Credit Points
DENG-IV	Technical writing	6	6
DTNAV-IV	Terrestrial Navigation 4	4	6
DCNAV-II	Celestial Navigation 2	2	6
DSEAM-IV	Cargo Handling & Stowage 3	4	6
D-WATCH-IV	Deck Watchkeeping & Collision Regulations 4	4	6
DE-NAV-I	Electronic Navigation, IAMSAR	4	6
DMETEO-I	Meteorology and Oceanography 1	4	6
DSTAB-3	Dynamic Transverse and Longitudinal Stability 3	2	6

DSEAM-V	<i>Ship Handling and Maneuvering 1</i>	4	6
DMAR-COM	<i>Radio communications</i>	4	6
DPE-IV	<i>Physical Exercise &amp; Swimming</i>	2	0
	<b><i>Sub total</i></b>	<b>40</b>	<b>60</b>

### Semester 6 – Year 3

<b>Module Code</b>	<b>Descriptive title</b>	<b>Total Hours</b>	<b>Credit Points</b>
DTRB-II	Training Record Book II (Apprenticeship at Sea)		60
	<b><i>Sub total</i></b>		<b>60</b>

### Semester 7 – Year 4

<b>Module Code</b>	<b>Descriptive title</b>	<b>Total Hours</b>	<b>Credit Points</b>
DSEAM-V	Ship Handling and Maneuvering 1	4	10
DE-NAV-2	Electronic Navigation 2	2	8
DNAV-4	Voyage planning and conducting.	4	10
DSTAB-IV	Stability and trim, transversal, longitudinal and damage stability.	4	10
DMARPOWER	Maritime Power Plant	4	10
DSHIPMAN-III	Ship Handling and Maneuvering 3	6	12
DMARLAW-III	<i>Maritime Law 3</i>	4	10
DMETEO-II	Meteorology and Oceanography 2	2	8
DHRMAN	Shipboard Human Resource Management	4	7
DRN-ML	Radar Navigator - Management Level	2	8
DECDIS-ML	ECDIS - Management Level	2	8
DBRM	Bridge Resource Management	1	4
	<b><i>Sub total</i></b>	<b>37</b>	<b>105</b>

Semester 8 – Year 4

<b>Module Code</b>	<b>Descriptive title</b>	<b>Total Hours</b>	<b>Credit Points</b>
DGRP 1 & 2	Research, Preparation and Presentation of the Graduation Project I + II		15
	<i>Sub total</i>		<b>15</b>