

OFFICERS IN CHARGE OF A NABVIGATIONAL WATCH

A/A	Course type	Course title	Course code	Total Hours
A' Semester				
1.	Compulsory	Celestial Navigation	1.1.1	60
2.	Compulsory	Terrestrial Navigation	1.1.2	107
3.	Compulsory	English Language	1.7	186
4.	Compulsory	Contribute to Safety of Personnel and Ship (Basic Safety Training)	3.8	50
5.	Compulsory	Mathematics	Add.1	36
6.	Compulsory	Physics	Add.2	87
B' Semester				
1.	Compulsory	Terrestrial Navigation	1.1.2	107
2.	Compulsory	Echo Sounders	1.1.4	9
3.	Compulsory	Thorough Knowledge of the Collision Regulations	1.2.1	100
4.	Compulsory	English Language	1.7	186
5.	Compulsory	Mathematics	Add.1	36
6.	Compulsory	Physics	Add.2	87
7.	Compulsory	Computer Applications	Add.3	20
Sections 1.1.2 and 1.1.4 are considered as one in terms of assessment and calculation of absences				

C' Semester				
1.	Compulsory	4-6 months of Approved on Board Training		
D' Semester				
1.	Compulsory	Electronic Systems of Position Fixing and Navigation	1.1.3	30
2.	Compulsory	Compass – Magnetic and Gyro	1.1.5	38
3.	Compulsory	Steering Control Systems	1.1.6	6
4.	Compulsory	Principles in keeping a navigational watch	1.2.2	6
5.	Compulsory	Bridge Resource Management	1.2.3	8
6.	Compulsory	The Use of Routeing	1.2.4	4
7.	Compulsory	Use of Information from Navigational Equipment for Maintaining a Safe Navigational Watch	1.2.5	18
8.	Compulsory	Knowledge of Blind Pilotage Techniques	1.2.6	2
9.	Compulsory	Use of Reporting in Accordance with the General Principles for Ship Reporting Systems and with VTS Procedures	1.2.7	2
10.	Compulsory	Use of Radar and ARPA to Maintain safety of Navigation	1.3	67
11.	Compulsory	Use of ECDIS to Maintain Safety of Navigation	1.4	30
12.	Compulsory	English Language	1.7	186
13.	Compulsory	Precautions to be taken to Prevent Pollution of the Marine Environment	3.1.1	18
14.	Compulsory	Anti-Pollution Procedures and Associated Equipment	3.1.2	8
15.	Compulsory	Proactive Measures to Protect the Marine Environment	3.1.3	1

16.	Compulsory	Stability, Trim and Stress Tables	3.2.1	44
17.	Compulsory	The Principal Structural Members of a Ship	3.2.2	63
18.	Elective	Risk Assessment	E1	6
19.	Elective	Incident Investigation	E2	6
20.	Elective	Recognizing Signs of Mental Health Issues	E3	8
21.	Elective	Cultural Awareness	E4	6
22.	Elective	Prevention of Sexual Harassment	E5	6
23.	Elective	Resilience	E6	8
24.	Elective	Cyber Security	E7	8
Sections 1.1.3 and 1.1.6 are considered as one in terms of assessment and calculation of absences				
Sections 1.2.2, 1.2.3, 1.2.4, 1.2.5, 1.2.6, 1.2.7 are considered as one in terms of assessment and calculation of absences				
Sections 3.1.1, 3.1.2 and 3.1.3 are considered as one in terms of assessment and calculation of absences				
At least 4 months of approved seagoing service is required prior to the attendance of sections 1.2.3 and 1.4				
Two elective courses must be selected by each student during the semester				
E' Semester				
1.	Compulsory	Meteorology	1.1.7	79
2.	Compulsory	Precautions for Protection and Safety of Passengers	1.5.1	9
3.	Compulsory	Initial Action Following Collision or Grounding	1.5.2	5

4.	Compulsory	Rescuing Persons from the Sea, Assisting a Ship in Distress and Port Emergencies	1.5.3	4
5.	Compulsory	Search and Rescue	1.6.1	2
6.	Compulsory	English Language	1.7	186
7.	Compulsory	Transmit and Receive Signals by Morse Light	1.8.1	1
8.	Compulsory	Use the International Code of Signals	1.8.2	10
9.	Compulsory	Ship Manoeuvring and Handling	1.9.1	15
10.	Compulsory	The Effect of Cargo, Including Heavy Lifts on the Seaworthiness and Stability of the Ship	2.1.1	27
11.	Compulsory	Safe Handling, Stowage and Securing of Cargoes	2.1.2	35
12.	Compulsory	Inspect and Report Defects and Damage to Cargo Spaces, Hatch Covers and Ballast Tanks	2.2	15
13.	Compulsory	Prevent, Control and Fight Fires on Board (Advanced Training in Fire Fighting)	3.3	25
14.	Compulsory	Operate Life-Saving Appliances (Proficiency in Survival Craft and Rescue Boats other than Fast Rescue Boats)	3.4	25
15.	Compulsory	Apply Medical First Aid on Board Ship (Medical First Aid)	3.5	20
16.	Compulsory	Monitor and Control Compliance with Legislative Requirements	3.6	33
17.	Compulsory	Application of Leadership and Teamworking Skills	3.7	20
18.	Elective	Risk Assessment	E1	6
19.	Elective	Incident Investigation	E2	6
20.	Elective	Recognizing Signs of Mental Health Issues	E3	8
21.	Elective	Cultural Awareness	E4	6

22.	Elective	Prevention of Sexual Harassment	E5	6
23.	Elective	Resilience	E6	8
24.	Elective	Cyber Security	E7	8
Sections 1.5.1, 1.5.2, 1.5.3 are considered as one in terms of assessment and calculation of absences				
Sections 1.8.1 and 1.8.2 are considered as one in terms of assessment and calculation of absences				
Two elective courses must be selected by each student during the semester				
F' Semester				
1.	Compulsory	6-8 months of Approved on Board Training		