



SHIP NAVIGATION

Introduction

The study of Navigation enables the ships navigation Officers to “know where their ship is, know the passage their vessel is taking and being able to navigate their vessel to arrive at the desired destination safely.

Safe navigation at sea requires a good understanding of charts and nautical publications and the information they contain, a sound knowledge of navigation techniques and the ability to plan the anticipated voyage from berth to berth. This module provides the learner with the knowledge and skills necessary to plan and conduct coastal passages in vessels up to 200 gross.

Pre-Requisite

The candidate needs to have completed:

- High school and be fluent with the English language, both spoken and written.
- Basic seamanship training

The Objective Of The Course

The purpose of this training is to enable the navigation officer to have the required knowledge and understanding to competently and safely perform navigation watch duties on marine vessels.

Course Outline And Outcome

- Navigational Charts & Publications
- Basic Plotting Techniques
- Magnetic Compass & Compass Error
- Position Fixing
- Dead Reckoning & Estimated Positions
- Tides
- Passage Planning

After successful completion of the course the trainee will have the understanding and competency to perform navigation duties covering:

- Use and maintain navigational charts and other publications in accordance with established practice and statutory requirements
- Perform basic plotting techniques and determine position, course and distance from a chart
- Determine Compass Error and apply appropriate corrections to courses and bearings
- Determine the position of the vessel by observations of terrestrial objects
- Determine the position of the vessel taking into account the vessel’s speed and the effect of tide, wind and current, and make appropriate allowances for such effects.
- Extract and interpret basic tidal information from tide tables and navigational charts
- Plan and conduct a safe coastal passage.

Training Facilities

Classroom lessons and activities taught are to be closely related to the ships navigation deck environment.

Certificates

The trainee will receive a certificate of competency after successfully completing all assessments for the theory and Practical demonstrations. This course will be considered as a credit to gaining Mate Class 5.

Training Details And Costs

Duration: 3 weeks
Time: 08.30am to 4.00pm
Tuition Fees: TBA
Minimum number of persons: 10 persons per class

For further information, please contact:

Hayley Kana, Registrar
Phone: +675 7232 0725 / 7621 8379
Email: pmtcregistrark@gmail.com