



Course Name:

Advanced Ship Handling Course (Glasgow)

Course Price:

Available on request

Short Description:

This course is designed to rediscover/review key topics that are necessary to conduct safe inbound and outbound passages to/from the berth.

Course Type:

Petrochemical, Oil and Commodities

Full Description:

Aims

The course is designed to rediscover/review key topics that are necessary to conduct safe inbound and outbound passages to/from the berth.

Location

Chevron Shipping Centre of Learning and Development, Glasgow

Course Synopsis

The Advanced Ship Handling course is focused around reference material, discussion and participants previous experiences. The participants will be briefed on the applicable techniques in the classroom before demonstrating the application of the techniques in the simulator. The Presenter/Instructor shall facilitate and lead the class discussion and simulator exercise briefings/debriefings to ensure completion of set objectives within the allocated time.

Contact Us

Please [contact us](#) for more information.

Book Now

Dates available on request

The course is of **40 hours** duration.

The main topics to be covered during the course will be:

Units of force

Hydrodynamics

Power

Control Heading

Control Way

Anchors & Anchoring

Mooring Equipment

Environment

Tugs

Instructional methods to be utilized during the course shall include:

Classroom presentations

Group discussions

Case studies

Simulator exercises

Learning Objectives & Assessment

The following are the objectives to fulfil the aims of the course:

Objective

Measurement

1

Fundamental Hydrodynamics

Participants will be able to identify and summarize the fundamentals of Hydrodynamics

2

Fundamental hydrodynamic forces that act upon a vessel underway

Participants will be able to identify and summarise the forces that act upon a vessel underway

3

Review how to control heading and how to make a turn

Participants will be able to identify and summarize the factors contributing to control of heading and making a turn.

Participants will be able to demonstrate in simulator exercises the application of the factors identified.

4

Directional stability and how it affects the control of heading

Participants will be able to summarize directional stability and how it affects the control of heading

5

Review how to control way

Participants will be able to summarize how to control way and demonstrate their understanding by means of application within simulator exercises

6

How to turn short round using the forces available

Participants will be able to demonstrate turning short round in the simulator

7

The effects of interaction between bottom, bank and other vessels

Participants will be able to identify and summarise vessel interaction and demonstrate dealing with the forces that may be experienced during a narrow channel transit.

8

Review the use of anchors

Participants will be able to identify, summarise and demonstrate anchoring procedures best practice

9

The use of tugs as a ship assist tool

Participants will be able to identify, summarise and demonstrate the use of tugs as ship assist tools.

10

The effects of wind and current on ship manoeuvrability

Participants will be able to identify, summarise and account for the effects of wind and current in the simulator

11

Proficiency in manoeuvring in narrow channels

Participants will be able to demonstrate the ability to manoeuvre within a narrow channel

Entry Standards

Deck Officers holding unlimited OOW Certificate of Competency.

Course Certificates

An advanced ship handling course certificate will be issued to participants who with complete attendance that pass the written evaluation and demonstrate Ship Handling knowledge/ability during the simulator assessments.

Course Intake Limitations

The course is limited to a minimum of 3 and a maximum of 8 Officers.

Email nmci@gac.com to book.