

40 Hour Shiphandling

COURSE DESCRIPTION

This course examines the theory and practice of ship handling. It includes an abundance of simulator time for attempting and mastering various maneuvers. The course is especially designed and recommended for Chief Mates who will soon sail as Master. Subject matter includes the proper relationship between engines and helm for ship maneuvering; and, the effects on ship behavior caused by wind, current, shallow water, banks, narrow channels and conditions of loading. Everything is reinforced by practical application exercises performed on the bridge and bridge wing simulators.

The course is designed around major ship maneuvering evolutions: traffic situations, arrival/departure, anchoring, and maneuvering in channels. Programs can be tailored to specific shipping company operations, vessels and ports.

COURSE APPROVAL

This is a USCG approved course. The person successfully completing this course will have successfully demonstrated:

- (1) STCW required competencies: *Maneuver the Ship* (Table A-II/1);
- (2) *Maneuver and Handle a Ship in All Conditions*, (Table A-II/2); and
- (3) Advanced Shiphandling requirements for Master/Chief Mate
- (4) the following assessments reflected in the National Assessment Guidelines: M-3-1A, M -7-1A , M -7-2A , M -7-3A , M -7-3B , M -7-4A M -7-5A, M -8-1A, M-8-2A, M-8-3A, M-8-4A, M-8-5A, M-8-6A, M-8-6B, M-8-7A, M-8-8A, and M-8-9A

COURSE SCHEDULE

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
Morning	Welcome/admin Simulator demo Radar familiarization	Shiphandling with tugs	Bank, channel and interactive effects	Anchoring and Single Point Mooring	Simulation exercise and debrief
	Principles of shiphandling	Simulation exercise and debrief	Simulation exercise and debrief	Simulation exercise and debrief	Simulation exercise and debrief
	Familiarization and maneuvering exercise	Simulation exercise and debrief	Simulation exercise and debrief	Simulation exercise and debrief	Simulation exercise and debrief
	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon	Voyage planning	Shallow water effects	Situational awareness /error chain	Simulation exercise and debrief	Simulation exercise and debrief
		Simulation exercise and debrief	Emergency stopping/use of escort tug	Simulation exercise and debrief	Simulation exercise and debrief
	Simulation exercise and debrief	Simulation exercise and debrief	Simulation exercise and debrief	Simulation exercise and debrief	Simulation exercise and debrief
					Course critiques

COURSE REQUIREMENTS

Trainees should have a minimum of six months watchkeeping experience as officer in charge of a navigation watch and should also have completed a course of training in radar observation and plotting.

An end of course evaluation will document student performance in meeting the objectives of the course.