

Advanced Navigation (STRCTR-19)

Course Length

35 hours (1 week)

Objective

Each student who successfully completes this course will be knowledgeable of and have proficiency in navigation at the management level. Additionally, students will gain an understanding of:

- Planning a voyage and conducting navigation
- Determining position and the accuracy of resultant position fix by any means
- Determining and allow for compass errors

Upon completion of this course, the students will be knowledgeable of and will have demonstrated proficiency in the following areas:

- Voyage Planning
 - Appraisal
 - Planning
 - Execution and Monitoring
- Terrestrial Navigation
 - GPS
 - Great Circle Sailing
 - Mercator Sailing
- Bridge Systems
 - IBS
 - Magnetic Compasses
 - Gyro Compasses
- Determine Compass Error
 - Amplitudes
- Tides and Currents
 - Tides and Currents

This Course is USCG Approved and STCW Compliant. The course certificate will state:

“This course is hereby recognized as a Coast Guard Approved Training Course as outlined in Subpart D of Part 10, Title 46, Code of Federal Regulations. Any applicant who has successfully completed our *Navigation (Management Level) (STRCTR-800)* course will satisfy the Navigation at the Management Level training requirements of the STCW, as amended 2010, Table A-II/2 for Master and Chief Mate on vessels of 500 GT or more; AND, the following Tasks from the National Assessment Guidelines as listed in NVIC's 10-14 and 11- 14: 1.1.A; 1.2.A; 1.2.B; 1.2.C; 2.2.A; 3.1.A; 3.1.B; 3.1.C; 3.1.D; 3.2.A; 3.3.A; 3.3.A; 5.2.A; 7.4.A; 7.4.B; 7.4.C AND, until December 31, 2016, Control Sheets M-1-3A and M-2-1B as listed in Policy Letter 04-02. Applicants who have successfully completed our course need not present completed "Task Control Sheets" for these assessments in application towards STCW certification.”

Scope

This is a classroom course that is intended to meet the Navigation at the Management Level training requirements as listed above in the USCG Approved and STCW Compliant Course Certificate section.

Entry standards/Prerequisites

This course is open to students who have a need for such training as required by the United States Coast Guard and STCW as amended. Each student should have an STCW Certification as an “Officer-in-Charge of a Navigation Watch” or have an equivalent and experiential background, be in good physical health and speaks and understands English.

Please be prepared for class with the following:

STAR will provide all necessary course materials.

Teaching Facility

STAR Center, Dania Beach, Florida