Advanced Navigation

Course Length: 80 hours
Price: $2,200.00

This 10-day course provides trainees with knowledge, understanding and proficiency in appraising and planning an ocean and coastal voyage. Use of Bridge Electronics such as GPS, GYRO and Autopilot in executing the plan. Includes: Electronic Chart Display and Information Systems which provides students with knowledge and skills necessary to fully utilize the features of ECDIS, including installation and correction of electronic charts. This course is intended to meet the requirements for:

1. Adaptive Steering Systems;
2. Determine and Allow for Compass Errors;
3. Systems of the Gyro Compass;
4. Planning a Voyage and Conducting Navigation;
5. Loran GPS/DGPS and other Satellite Systems
6. Determine a Position-Chart Plotting;
7. ECDIS
8. Navigational Software Programs

Any applicant who has successfully completed this 80-hour Advanced Navigation course, including successful demonstration of all practical assessments, will satisfy the Advanced Navigation training requirements for STCW certification as Master or Chief Mate on vessels of 500 or more gross tonnage (ITC). The practical assessments conducted in this course will be accepted as the equivalent of the following assessments from the National Assessment Guidelines for Table A-II/2 of the STCW Code; M-1-1A; M-1-1B; M-1-2G; M-1-2H; M-1-2I; M-1-3A; M-1-4A; M-2-1A; M-2-1B; M-2-1C; M-2-1D; M-2-1E; M-2-1F; M-6-3A; M-6-3B; and M-6-3C. Applicants who have successfully completed your course need not present completed “Control Sheets” for these assessments in application for STCW certification.

Course Tools Required
A clear mind ready to learn and retain a large volume of information.
Paper and pencil for note taking
A scientific calculator
Plotting tools

Recommended Reading