Advanced Cargo & Handling

Course Length: 80 hours
Price: $2,000.00

This 10 day course will cover the principles of materials handling and their application to the movement of marine cargoes, safe cargo operations, certification of cargo gear, stresses on cargo gear, mathematical calculations of safe and efficient cargo stowage, de-humidification units and prevention of moisture damage due to cargo and ship sweat. In addition, this course will examine ship stability and trim, and the practical application of these principles in the loading of vessels carrying break bulk, bulk and container cargoes. A container loading project will be completed involving computing stowage, trim, KG, GM and LCG. The objective of this course is to provide students with the detailed knowledge to support the training outcomes related to Cargo Handling and Stowage at the Management Level and in doing so, satisfy company, national, and international regulations for candidates for certification as master or Chief Mate as follows:

1. STCW Code A-Il/2 Competence:
2. Plan and ensure safe loading, stowage, securing, care during the voyage and unloading of cargoes
3. Container Ships
4. Ro/Ro Ships
5. Bulk Carriers
6. Tank Vessels
7. Hazardous Materials (incl. IMDG Code); and
8. Cargo Operations Software

Any applicant who has successfully completed this 80-hour Advanced Cargo Handling & Stowage (Management Level) course will satisfy the Cargo Operations training requirements for STCW certification as Master or Chief Mate on vessels of 500 or more gross tonnage (ITC). In conjunction with this course, any approved instructor for this course is authorized to sign-off for a successful demonstration on the students’ “Control Sheets” for the following assessments from the National Assessment Guidelines for Table A-II/2 of the STCW Code: M-9-1A; M-9-1B; M-9-1C; and M-9-1D.

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