

Ship's Operation and Cargo Handling – Part 1 (30)

Annotation: The discipline deals with the study of the particulars and capabilities of the ship as a means of transport, the safety and efficiency requirements in passage planning, the consistency in formulating the ship's stowage plan and providing the seaworthiness of the ship during the voyage. Students are given the knowledge necessary to ensure the safe navigation of the ship without any emergencies in the carriage of different types of cargo in view of the ship's stability, strength and overall sailing capacity, as well as the most efficient use of the ship's load capacity under different operating conditions. As a result of the study of the discipline, students are able to estimate the effect of cargoes, including heavy lifts, on the navigability, seaworthiness and stability of the ship.

Main issues of the syllabus content:

- Draft, trim and stability;
- Cargo Securing;
- Deck Cargo;
- Cargo in containers;
- Bulk cargoes;
- Carriage of grain in bulk.