

Programme of study – MARINE ELECTROMECHANICALSYSTEMS

Information about the qualification and learning outcomes of the programme of study

A.GENERAL

- development of the ability to simulate/model on computer problems on/related to naval hydrodynamics and hydraulic calculation;
- application of methods for collecting, processing and preliminary analysis of the experimental data;
- development of the ability to work efficiently in complex and multicultural teams;
- application of the concepts relating to efficient implementation of logistics in operational and maintenance activities;
- development of the ability to rapidly and efficiently adapt as an engineering manager within shipping companies, merchant and navy vessels, universities, logistics, etc.

B.SPECIALTY

- utilization of advanced knowledge related to trim, ship stability and dynamics;
- utilization of electrical and electronic engineering knowledge at managerial level;
- utilization of mechanical technologies applied for maintaining, repairing and assembling naval machinery and installations;
- development of the ability to manage the activity in the engine room;
- development of the ability to determine the running parameters of machinery by resorting to specialist literature and on board equipment;
- development of the ability to organize the technological flow of repairs on board ship.