

UP i sjöfart_Maritime Management_Kärnkompetenser / 12.06.2017

Organisation	NOVIA UAS/Aboa Mare Maritime
Adress	Hertig Johans parkgata 21, 20100 Åbo

Competences	Descriptions of Competences
UP Sjöfart	Master Mariner Degree
Support Level (Foundation studies)	Competence of a Watchman (Rating)
Basic skills in seamanship	<ul style="list-style-type: none"> - has a clear understanding in a vessels watchkeeping system, sea readiness, departure/arrival, regular maintenance works onboard and the duties of a helmsman, look-out and an engine watchman rating - has the skills required of a member of the safety organisation of a vessel
Operational Level (Prof. Studies)	Competence of a Watchkeeping deck Officer
Proficiency in navigation	<ul style="list-style-type: none"> - is able to make a route plan and determine a ship's position by means of terrestrial and celestial methods, using necessary navigational aids. - takes into account prevailing weather and tide conditions when navigating. - can perform a safe sea watch as an OOW.
Proficiency in Cargo Handling	<ul style="list-style-type: none"> - can, as a Watchkeeping Deck Officer, judge if the ship meets the requirements on stability and strength. - can monitor loading/unloading operations, stowage and lashing of cargo and the caring of cargo during the voyage.
Control the ship's safe operation and human and environmental safety	<ul style="list-style-type: none"> - is able, in case of emergency such as fire, illness of injury, to use the safety equipment onboard. - knows how to monitor complementation rules and regulations against pollution.
Management level (Prof. Studies)	Competence of a Master Mariner (Sea Captain)
Proficiency in navigation	<ul style="list-style-type: none"> - can, in connection with the planning and making of a complete route plan, conform to a safe navigation by means of modern navigational aids. - can manoeuvre and handle the ship under any circumstances.
Proficiency in cargo handling	<ul style="list-style-type: none"> - can plan and ensure a safe cargo loading/unloading, stowage, lashing and caring of cargoes during the voyage - can control trim, stability and stress of the ship's hull.
Control the ship's safe operation and human and environmental safety	<ul style="list-style-type: none"> - understands how various economical and technical factors affect the projection and construction of a vessel. - has knowledge of a vessel's propulsion and the environmental concerns of maritime management. - can organise and manage the crew and is familiar the organisational and administrative management of a ship and in a shipping company. - has sufficient knowledge of international shipping, shipping company operations and maritime economical concepts as well as legal aspects connected to responsibilities within the law of the sea. - can organise and manage medical care and safe working environment onboard and has knowledge of the basic juridical aspect of medical care