

Course Title	Introduction to Maritime Studies				
Course Code	IM571				
Course Type	Major Elective				
Level	BSc/1st Cycle				
Year / Semester	2 <sup>ND</sup> /4 <sup>TH</sup>				
Teacher's Name	Giannis Chatzis				
ECTS	7.5	Lectures / week	3 hours	Laboratories / week	-
Course Purpose and Objectives	This course provides an overview of the complex world of the ‘Maritime Industry’ and importance of the shipping industry in the global economy. Facts and figures highlighting the importance of shipping to the world of trade; Brief introduction to types of ships Geographical origins and destination of major cargo; Maritime Perils, Meteorology; Role of Broker, Charterers, Shipper, Carrier, Consignee, Distributor, Retailer and end-user; Contracts of carriage, Charter parties, Shipping services; Port operations, Concepts of Maritime logistics; Basics of Shipping economics; Ship management, Quality control; Ship Operations; Ship board operations, Seaworthiness; Maritime Legal Infrastructure, Jurisdiction; Maritime Safety and Security, Marine pollution, Maritime Environmental issues.				
Learning Outcomes	Upon completion of the course, students should be able to:  1. have an appreciation of the maritime industry 2. know the key players and their relationships in the industry 3. know the difficulties of managing such a diverse industry 4. understand the international and mobile aspect of the industry 5. be abreast with modern developments and its effect on the industry.				
Prerequisites		Required	-		
Course Content	1 Overview of multi-modal transport; The physical passage of the goods i.e. raw materials, manufactured goods (factories), warehouse, load-port, on-board, discharge-port, warehouse, customer 2 Facts and figures highlighting the importance of shipping to the world of trade; Description of common maritime cargo e.g. Bulk, Liquid in bulk, Gas, Chemical, General Cargo, Container, Heavy lift, Ro-Ro, Cattle 3 Brief introduction to types of ships and methods of carrying cargo (Stowage and Securing); Load lines 4 Geographical origins and destinations of major cargo; canals, lakes, rivers and coastal trade 5 Shipping economics, i.e. freight markets, market cycles, freight rates, supply and demand				

	<p>6 The journey of the cargo i.e. booking of cargo, role of Broker, Charterer, Shipper, Carrier, Consignee, Distributor, Retailer and End-user; Contracts of carriage, Charter parties, Bill of lading, Incoterms, BIMCO</p> <p>7 Ship-management; Owner, Master and Crew; Third party suppliers; Quality in shipping, QMS, ISO, ISM and SOPEP</p> <p>8 Ship Operations, Bunkers, Stores, Manning, Dry-docking, Scheduling</p> <p>9 Maritime Perils, Meteorology, Currents &amp; Tides, Navigation and Marine Engineering</p> <p>10 Infrastructure, Modernization, Integration of ports in SCM, Major ports, Port operations</p> <p>11 Maritime logistics – concept, requirements, advantages</p> <p>12 Legal Infrastructure, Common yet unique maritime terms (Liens, tort, salvage, towage, GA etc.); Jurisdiction; UNCLOS; IMO framework &amp; conventions, STCW, PSC, FOC</p> <p>13 Maritime Safety and Security, i.e. Piracy, ISPS, Contingency plans, DPA, ISM, SOLAS, MARPOL, Classification society and Surveys</p> <p>14 Marine pollution, prevention and ‘Limitation of Liabilities’; Some historical cases</p>
Teaching Methodology	Lectures, Exercises, CASE tools demonstrations, Project workshop sessions
Bibliography	<p><b>Essential Reading</b></p> <p>Branch, Alan E. (2007) Elements of shipping (8th ed.), Routledge, London.</p>
Assessment	Assignments, Final Exam
Language	English