

Course Title	Ship management				
Course Code	ITSM505				
Course Type	Elective				
Level	Master's Level				
Year / Semester	1 / 2				
Teacher's Name	Cpt. Eugen Adami, Dr. Angelos Menelaou				
ECTS	8	Lectures / week	3	Laboratories / week	0
Course Purpose and Objectives	<p>The course of Ship Management aims to equip the students with deep understanding of the various functions related to the management of ship operations as well as the tasks and role of the ship managers in the 21st century. The course emphasizes on the different types of ship management structures and the inter-relationship of the various departments within a ship management company. The students are given the opportunity to understand the relationship between the ship manager and its client (owner) and the degree of competitiveness in the ship management industry.</p> <p>Furthermore, the course deals with important issues on manning of vessels, such as recruitment and retention, and emphasises on the importance of mandatory and discretionary training of crew on board commercial vessels in terms of safety of operations, security, occupational safety and safety of the environment. Additionally, the students acquire knowledge on the various expenses related to the operation of a vessel, learn to apply basic budgetary control and understand the importance of safety, security, environment and operational criteria in relation to maritime projects, such as ship acquisition and ship maintenance. Finally, the students have the opportunity to apply the theoretical knowledge gained during their studies in ship management practice with the use of specific case studies, aiming at raising their awareness of the problems, prospects and challenges that a ship manager faces in today's competitive business environment.</p>				
Learning Outcomes	<p>By the end of the course, the students should be able to:</p> <ul style="list-style-type: none"> • Understand the tasks related to management of ships in the 21st century and the inter-relationship of various departments in a ship management company. • Appreciate the competitiveness of the ship management industry and the importance of offering quality services to the clients. • Show in depth understanding of the responsibility and liability of a ship manager towards its client and the flag. • Comprehend the importance of a successful manning policy and training in the shipping industry. • Apply basic budgetary control applicable in the context of a ship management company. • Understand the concept of a financial project appraisal in relation to operations, safety, environmental and political factors. 				
Prerequisites	MAEN500 pass, only for those not holding a degree in marine related fields (no background in shipping).		Required		

<p>Course Content</p>	<ul style="list-style-type: none"> • Ship Types. Bulk Carriers, Container Ships, Multipurpose Ships, Oil and Chemical Tankers. Technical and Operational aspects, including the application of international regulations (including IMO, EU, regional and national). Safety aspects. • The development of ship management companies in Cyprus & abroad in recent years. • Detailed analysis of the various functions of ship management, the inter-relationship of the departments in a ship management company and the most important competences of a ship management company. • The importance of recruitment and retention as the two basic building blocks for a successful manning policy and various aspects of training, mandatory as well as discretionary. • Challenges and prospects that the shipping industry face in terms of human resources (manning) in Europe and in the world. • The basic budgeting methods to calculate net profit from the operation of the vessel. • The importance of safety, security and environmental restrictions in the management of a vessel as part of total quality management overview.
<p>Teaching Methodology</p>	<p>The lectures are being conducted with the use of Power Point presentations. The lectures are done with the active involvement of the students and at the end of each lecture there is a discussion on the most important issues presented in the seminar. In this way, the students clarify most of their questions during the lecture. During the course, apart from the mid term exam, the students will deal with case studies, with which they will have the opportunity to link the theoretical knowledge with ship management practice. In this way, active involvement of the students throughout the duration of the course is achieved and the students acquire hands on experience on important issues that can prove to be an invaluable tool for all those wishing to pursue a successful career in the shipping industry.</p>
<p>Bibliography</p>	<p>Textbooks:</p> <ul style="list-style-type: none"> • 21st Century Ship Management, Dickie J.W., 2014. • Ship Knowledge, Klaas van Dokkum 5th edition, 2008 <p>Other Readings:</p> <ul style="list-style-type: none"> • http://www.ics-shipping.org/shipping-facts/shipping-facts <ul style="list-style-type: none"> ○ e-Shipping, E-Learning Module 15 : Fundamentals of Ship Management by Dr. Efstratios Georgoudis ○ e-Shipping, E-Learning Module 20 : International Maritime Transportation by Prof. Tony lane, Dr. Angelos Menelaou, Dr. Alec D Coutroubis ○ e-Shipping, E-Learning Module 17 : Comparative Analysis of Ship Management and Ship Owning by Dr. Evi Plomaritou • Sample QMM from Mastermind Shipmanagement • Ship Management, Willingdale, M., LLP 1998 • Ship Management, J. Spruyt, Second Edition, LLP, 1994 • Ship Registration, N. P. Ready, Third Edition, LLP, 1998 • Shipbroking and Chartering Practice, Sixth edition (Lars Gorton, Patrick Hillenius, Rolf Ihre, Arne Sandevan), LLP, London (Chapter 8, Freight Calculations)

Assessment	Final Exam: 60% Course Work/Assignment: 40%
Language	English