Course unit title:	**QUALITY AND SAFETY IN SHIPPING**
Course unit code:	ATQS 401
Type of course unit:	Elective
Level of course unit:	Business (1st cycle)
Year of study:	3rd – 4th
Semester when the unit is delivered:	5th or 6th or 7th or 8th
Number of ECTS credits allocated :	6
Name of lecturer(s):	Captain Andreas Constantinou
Learning outcomes of the course unit:	By the end of the course, the students should be able to: • Understanding of the fundamental quality management principles • Basic in ground knowledge of the meaning, scope and benefits of the quality systems. • Knowledge on the historical development and evolution of quality systems Basic general knowledge of the quality management system requirements of ISO • Understand the International Safety Management System (ISM) as a standard of safety in shipping and its similarities and differences with a quality standard system. • Ability to consider the Standards of Training, Certification & Watch keeping (STCW) Code as an important ingredient of an integrated quality management system in the shipping industry. • Ability to demonstrate a good understanding of the International Ship and Port Facility security code as a quality standards system for security. • In depth understanding of the inter-relationship between quality systems and the maritime legislative requirements of ISM, STCW & ISPS. • Understanding of the importance of a total quality management system in shipping. • Understanding the impact of the IMO flag States' Audits pertaining to the implementation of International Maritime Instruments. • Inspections/Vetting by Organizations other than IMO.
Mode of delivery:	Lectures and class discussions
Prerequisites:	None — Co-requisites: None
Recommended optional program components:	None
Course contents:	• Quality systems • Significance and their benefits. • Principles involved in quality systems • Quality systems and the maritime legislative requirements such as the International Safety Management Code (ISM), the Standards of Training, Certification and Watch keeping Convention (STCW) and the International Ship and Port Facility Security Code (ISPS). • The IMO Flag States' Audit Scheme. • Requirements of Organizations other than IMO and ILO, (e.g. OCIMF, INTERCARGO etc.)

	• Quality systems and the Human element
Recommended and/or required reading:	• Lectures and class discussions. • Papers and PPP prepared and delivered by the lecturer.
Textbooks:	Managing Safety and Quality In Shipping , Alain-Michel Chauvel, (1997)
References:	• Eurasia International: Total Quality Management in the Shipping Industry, by Ali Farhoomand, Amir Hoosain (2004) (recommended) • Choosing a Quality Register: A spotlight on key consideration, SIRC • Globalisation and de-regulation in the maritime industry, SIRC
Planned learning activities and teaching methods:	The lectures are being conducted with the use of Power Point presentations in a seminal style where the students have the opportunity to interfere and have their own feedback in the discussion of various issues related to quality systems and the need for quality standards in shipping. In this way, active involvement of the students is achieved and the students are not passive recipients of theory learned during the lectures.
Assessment methods and criteria:	Mid-term exam : 40% Final Exam : 60%
Language of instruction:	English
Work placement(s):	Not applicable