Course unit title:	**ECONOMICS OF SEA TRANSPORT AND INTERNATIONAL TRADE**		
Course unit code:	ATET 200		
Type of course unit:	Required		
Level of course unit:	Bachelor (1st Cycle)		
Year of study:	2nd		
Semester when the unit is delivered:	4th		
Number of ECTS credits allocated :	6		
Name of lecturer(s):	Dr Angelos Menelaou, Dr Emmanuel Nikolaides		
Learning outcomes of the course unit:	By the end of the course, the students should be able to: • Know the basics of international trade and generate an overall understanding of the economic and commercial environment in which shipping operates. • Appraise the role and main functions of shipping markets; analyse how these markets work together; and examine how they go about the business of managing the demand and supply of ships. • Evaluate and apply the basic variables of supply and demand for ships and shipping service, as well as the application of these variables in the process of freight rate determination. • Understand the stages of a Shipping Cycle and the various aspects of the adjustment process. • Analyse the issue of cost and its relationship with the profitability of international trade transactions and cargo movements. • Apply and compare the economics of different shipping strategies.		
Mode of delivery:	Lectures and class discussions		
Prerequisites:	None: ABSE101 and ABSE102	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	**Introduction to Maritime Economics** **International trade** Why nations trade? a. Comparative advantage b. Economies of scale What kinds of markets exist? a. Perfect competition (not really exist) b. Imperfect competition **The economic and commercial environment of the shipping market** a. The economic role of shipping b. The international transport system c. The role of ports in the transport system **The demand for sea transport** a. Derived demand b. Key influences on demand for sea transport c. Elasticity of demand		

	The supply of sea transport a. Key influences on supply for sea transport b. Measuring supply responsiveness: the concept of elasticity of supply c. Technical and economic life of a ship **The freight rate mechanism** **The Shipping Cycle** d. Stage of Peak e. Stage of Collapse f. Stage of Trough g. Stage of Recovery **Cost analysis, revenue and financial performance** a. The cost of running the ship b. The capital cost and financial performance c. The revenue calculation d. Computing the cash flow
Recommended and/or required reading:	Martin Stopford, Maritime Economics, 3rd Edition, 2009
Textbooks:	Martin Stopford, Maritime Economics, 3rd Edition, 2009
References:	• Grammenos Costas, The Maritime Economics and Business Handbook, 2002 • Kyle Bagwell & Robert W. Staiger, The Economics of the World Trading System, MIT Press, 2003 • Samuelson & Nordhaus, Economics, McGraw Hill, 19th edition, 2008 • McConville J., Economics of Maritime Transport, 1998 • Ian. H Giddy, International Credit Markets, D.C. Health and Company, 1994 • Wilfred J. Ethier, Modern International Economics, 3rd Edition, 1995 • Ignacy, Chrzanowski. An Introduction to Shipping Economics, • Button, Kenneth J. Transport Economics, 2nd Edition Edward Elgar, 1993 • Schiller, Bradley R. The Macroeconomy Today, 4th Edition • A. Bouchar, Transportation Economics & Public Policy, New York, 1997 • Brief Notes: Notes concerning fundamental concepts will be given to the students during class sessions
Planned learning activities and teaching methods:	Lectures, discussions, presentations, assignments
Assessment methods and criteria:	Midterm Examination, Project Assignment and Final Examination
Language of instruction:	English
Work placement(s):	Not applicable