

COURSE DESCRIPTION

Course Title	ECONOMICS OF SEA TRANSPORT AND INTERNATIONAL TRADE			
Course Code	ATET200			
Course Type	Compulsory			
Level	BSc (Level 1)			
Year / Semester	3 / Fall			
Teacher's Name	Dr. Angelos Menelaou			
ECTS	6	Lectures / week	3	Laboratories/week
Course Purpose	<p>The course aims to provide critical information about the evolution of the international trade and its role towards global development, countries grow and welfare.</p> <p>The course also provides students with the basic knowledge and practical skills to efficiently operate shipping services. The shipping markets, the demand and supply for sea transport and the financial performance of shipping companies is a key target of the module.</p>			
Learning Outcomes	<p>By the end of the course, the students should be able to:</p> <ul style="list-style-type: none"> • Know the basics of international trade and generate an overall understanding of the economic and commercial environment in which shipping operates. • Evaluate 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. • Analyse the issue of cost and its relationship with the profitability of international trade transactions and ship's operation. 			
Prerequisites	ABSE101 and ABSE102	Co-requisites	None	
Course Content	<p>Introduction to Maritime Economics</p> <p>International trade</p> <p>Why nations trade?</p> <ol style="list-style-type: none"> Comparative advantage Economies of scale <p>What kinds of markets exist?</p> <ol style="list-style-type: none"> Perfect competition (not really exist) Imperfect competition <p>The Balance of Payments</p> <ol style="list-style-type: none"> Current Account Capital Account Official Reserves Account <p>The Exchange Rates and their effect on International Trade</p>			

	<p>The economic and commercial environment of the shipping market</p> <ol style="list-style-type: none"> a. The economic role of shipping b. The international transport system c. The role of ports in the transport system <p>The demand for sea transport</p> <ol style="list-style-type: none"> a. International Seaborne Trade b. World Seaborne Trade Patterns c. Derived demand d. Key influences on demand for sea transport e. Elasticity of demand <p>The supply of sea transport</p> <ol style="list-style-type: none"> 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 <p>The freight rate mechanism</p> <p>The Shipping Cycle</p> <ol style="list-style-type: none"> d. Stage of Peak e. Stage of Collapse f. Stage of Trough g. Stage of Recovery <p>Cost analysis, revenue and financial performance</p> <ol style="list-style-type: none"> a. The cost of running the ship b. The capital cost and financial performance c. The revenue calculation d. Computing the cash flow
Teaching Methodology	Lectures, discussions, presentations, assignments
Bibliography	<p><u>Main Text Book:</u></p> <ul style="list-style-type: none"> • Stopford. M; "Maritime Economics", Routledge, 3rd Edn. <p><u>Books:</u></p> <ul style="list-style-type: none"> • Grammenos, C; "The Handbook of Maritime Economics and Business", 2010. • Lorange, P; "Shipping Strategy", Cambridge University Press. • UNCTAD Review of Maritime Transport (published annually) • Parkin M., M. Powell and K. Matthews. Economics, Pearson, 9th Edition • Samuelson & Nordhaus, Economics, McGraw Hill, 19th edition, 2008 • McConville J., Economics of Maritime Transport, 1998 • Talley, W; "Port Economics", Routledge. <p><u>Journals:</u></p>

	<ul style="list-style-type: none"> • “Maritime Economics & Logistics”, quarterly, pub., Palgrave • “Maritime Policy and Management”, quarterly, pub., Routledge <p><u>Databases</u></p> <ul style="list-style-type: none"> • Clarksons’ Database: Shipping Intelligence Network <p>Brief Notes: Notes concerning fundamental concepts will be given to the students during class sessions</p>
Assessment	<ul style="list-style-type: none"> • Mid Term Exam 25% • Project Assignment 15% • Final Examination 60%
Language	English