



Course Description

Institute: Maritime Postgraduate Studies Institute

Program: Doctorate of Maritime Transport Technology

1- Course Data		
Course Code: MPI 805	Course Title: Maritime Economy	Academic : 3 Chr.
Specialization: Common	No. of Instructional Units : 13	

2- Course Aim	The aim of this course is to provide student with an in-depth understanding of maritime economics to be able to use economic tools to analyze the shipping market and to enhance the quality of decision-making in maritime related sectors
3- Intended Learning Outcome:	
a- Knowledge and Understanding, students will be able to:	<ol style="list-style-type: none"> 1. Application of economic principles to the maritime transport sector. 2. Economic explanations and analyses of the new characteristics of modern maritime transport. 3. The key issues of maritime transport 4. Explanation of economic theories 5. The current maritime transport practices.
b- Intellectual Skills, students will be able to:	<ol style="list-style-type: none"> 1. Financial and Interest Rate Risk In Shipping 2. Technical Analysis and Freight Trading Strategies 3. Determine the Value-at-Risk in Shipping and Freight Risk Management 4. Bunker Risk Analysis and Risk Management
c- Professional Skills, students will be able to:	<ol style="list-style-type: none"> 1. Understand Freight Forwarding Market 2. Recognize the negotiations of the Forward Freight Agreements, 3. Deal with options on Freight Rates Pricing and Risk Management Option Positions 4. Maritime Logistics in the Global Economy: Current Trends and Approaches
d- General Skills, students will be able to:	<ol style="list-style-type: none"> 1. Financial and Interest Rate Risk In Shipping 2. Credit Risk Measurement and Management In Shipping



	<p>3. Ship Price Risk and Risk Management</p> <p>4. Real Options and Optionality in Shipping</p>
4- Course Content	<p>Week No.1 Introduction to Shipping Markets Week No.2 Freight Market Information</p> <p>Week No.3 Forward Freight Agreements Week No.4 Forward Freight Information Week No.5 Maritime Logistics in the Global Economy: Current Trends and Approaches Week No.6 Options on Freight Rates Pricing and Risk Management Option Positions Week No.7 7th Week Evaluation (Research Essay) Week No.8 Value-at-Risk in Shipping and Freight Risk Management Week No.9 Bunker Risk Analysis and Risk Management Week No.10 Financial and Interest Rate Risk In Shipping Week No.11 Credit Risk Measurement and Management In Shipping Week No.12 12th Week Evaluation Seminar presentation Week No.13 Ship Price Risk and Risk Management Week No.14 Real Options and Optionality In Shipping Week No. 15 Work shop Week No.16 Final Evaluation</p>
5- Teaching and Learning Methods	<p>A mixture of lectures, tutorials, exercises, and case studies are used to deliver the various topics in this subject, some of which are covered in a problem-based format, thereby enhancing the learning objectives. Others are covered through directed study in order to enhance the students' ability of "learning to learn."</p>
6- Teaching and Learning Methods for Students with Special Needs	<p>A mixture of lectures, tutorials, exercises, and case studies are used to deliver the various topics in this subject, some of which are covered in a problem-based format, thereby enhancing the learning objectives by using Office hours and Additional Follow up.</p>
7- Student Assessment:	
a- Procedures used:	<ol style="list-style-type: none"> 1. Participation 2. Assignments 3. Presentations



	4. Case Study 5. Quiz 6. Written Exams 7. Workshop
b- Schedule:	Assessment (1) Mid Assessment (2) 12 th Assessment (3) 16 th .
c- Weighing of Assessment:	7 th Week Examination , 12 th Week Examination , Final-term Report Writing , Oral seminar exam , Practical Examination , Semester Work , Total 100%
8- List of References:	
a- Course Notes	<ul style="list-style-type: none"> • Power point slides of lectures • Documents such as reports, case studies
b- Required Books (Textbooks)	James J. Corbett and James Winebrake, (2008), "The Impacts of Globalization on International Maritime Transport Activity", Global Forum on Transport and Environment in a Globalizing World, Guadalajara, Mexico, Last viewed on the following web address: http://www.oecd.org/greengrowth/greening-transport/41380820.pdf
c- Recommended Books	EK Peng Chew, et al, (2011). "Advances in Maritime Logistics and Supply Chain Systems". World Scientific Publishing Co. Ptc. Ltd, Singapore, 596224. Last cited on the following web address: https://books.google.com.eg/books?id=TfvgCdCRv8wC&printsec=frontcover&dq=Maritime+Logistics+in+the+Global+Economy:+Current+Trends+and+Approaches&hl=en&sa=X&ved=0ahUKEwiYjobinJbQAhXI1BoKHVhSDvgQ6AEINzAB#v=onepage&q&f=false
d- Periodicals, Web Sites, ..., etc.	The Maritime Economist Marine Policy - Journal – Elsevier

Vice Dean for Educational Affairs
Affairs Name & Signature:
Date:20/1/2015

College/Institute Dean
Name & Signature:
Date:20/1/2015