

COURSE OUTLINE

(1) GENERAL

SCHOOL	OF BUSINESS		
ACADEMIC UNIT	DEPARTMENT OF SHIPPING, TRADE AND TRANSPORT		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	ΓΕ1700	SEMESTER	7 th semester, winter
COURSE TITLE	INTERMODAL TRANSPORT		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	CREDITS
		3	5
COURSE TYPE	SUBJECT AREA COURSE		
PREREQUISITE COURSES:	NONE		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	GREEK		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	https://eclass.aegean.gr/courses/TNEY217/		

(2) LEARNING OUTCOMES

Learning outcomes
<p>Students develop general theoretical knowledge and specialized know-how in planning, organizing and operating door-to-door optimized intermodal transport chains and integrated distribution networks. At the end of lectures students should be able:</p> <ul style="list-style-type: none"> • To deeply understand the transport markets and their evolution • To understand new trends in operations and policy actions • To contribute to planning, organizing and optimizing integrated transport systems • To follow a high level managerial career in the field of transportation, either in the transport market or in the public domain
General Competences
<p>The course deals with the principles the planning, operations and management of Intermodal Transportation. It highlights the driving forces for the development of Intermodality, in relation with the new principles of sustainability and the needs to reduce the transport externalities. It analyses the transport market, the infrastructure networks of various transport modes, as well as the user needs and quality requirements. The course offers specialized knowledge for planning, managing and evaluating door-to-door integrated intermodal transport chains.</p>

(3) SYLLABUS

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- Terminology-Definitions
 - European Transport Policy-Actions and policy instruments for the promotion of intermodality
 - Comparative analysis of transport modes
 - Intermodal transport market analysis - segmentation methodologies
 - Transport externalities
 - Intermodality: a “door-to-door” integrated chain approach
 - Actors involved: strategies and practices
 - User requirements
 - Forecasting methodologies for intermodal transport
 - Rail-road combined transport
 - Short Sea Shipping
 - Intermodal terminals and Freight Villages
 - New technologies in Intermodal Transport
 - Barriers to the development of Intermodal transport
 - Intermodality and new logistics concepts

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY:	Lectures, seminars, development and presentation of working papers by the students, round table discussions	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	YES	
TEACHING METHODS	<i>Activity</i>	<i>Semester workload</i>
	Lectures	39
	Case studies	6
	Interactive teaching-Round tables	21
	Study and analysis of bibliography	50
	Research projects	36
	Course total	152
STUDENT PERFORMANCE EVALUATION	<ul style="list-style-type: none"> • Evaluation of working papers • Final exam 	

(5) ATTACHED BIBLIOGRAPHY

<p>- <i>Suggested bibliography:</i></p> <p>- <i>Related academic journals:</i></p> <p>Teacher's notes, selective bibliography consisting in a big number of scientific articles, policy documents and reports</p>
