COURSE DESCRIPTION

1. GENERAL

SCHOOL	ENVIRONMENT, GEOGRAPHY AND APPLIED ECONOMICS		
DEPARTMENT	GEOGRAPHY		
LEVEL OF COURSE	Undergraduate		
COURSE CODE		**SEMESTER**	7th
COURSE TITLE	GEOGRAPHY OF TRANSPORT & INFRASTRUCTURE		

STRUCTURE OF TEACHING ACTIVITIES	**TEACHING HOURS PER WEEK**	**NUMBER OF CREDITS ALLOCATED (ECTS)**
Lectures and Laboratory Classes	3	5

TYPE OF COURSE	General Knowledge, Skills Development
PREREQUISITES	-
LANGUAGE OF INSTRUCTION	GREEK
COURSE OFFERED TO ERASMUS STUDENTS	YES (in English if required)
(URL)	http://galaxy.hua.gr/~geo/index.php?option=com_content&view=article&id=318%3A2013-12-11-21-52-38&catid=57%3A2013-12-03-12-42-38&Itemid=74&lang=el

2. EXPECTED LEARNING OUTCOMES

Learning outcomes
The objective of the course is the understanding of transportation strategy, management and control in the new global geography and in the framework of supply chain management and sustainability: infrastructure, means of transportation and practices towards cost effective transport process. After the completion of the lectures the students will be able to : • understand the role and importance of transport in economy and national and international trade • to identify the main means of transportation, their attributes and compare them • to be informed for the transport process within the framework of Supply Chain Management and Logistics • to know modern technologies and management information systems applied in transport • be informed for special transport issues, such as intermodal transport, urban freight transport and green transport • to understand the role of EE in the design of national and international infrastructure projects, than combine different means of trasnsportation

- to aknowledge the role of Greece as a Transport and Logistics Hub in the international corridors of trade from Asia to Europe and vice versa

3. COURSE CONTENTS

- Global Geography, trade and transport
- Transportation means and combined (intermodal) transport
- EE policy concerning pan-european transport networks
- Transport infrastructure in Greece and globally
- Transportation strategy in the new Supply Chain Environment
- Transportation cost factors, quality standards and control
- GIS and modern technology in the transport process
- Environmental issues concerning transportation of goods
- Transportation legal framework (Incoterms)
- Transportation in the agrifood sector
- Urban freight transport and Intelligent Freight transport

4. TEACHING AND ASSESSMENT METHODS

TYPE OF LECTURES	In class lectures
ICT USE	ICT use, Internet use and e-class
TEACHING STRUCTURE	

Activity	*Hours per semester*
Lectures	40
Preparation of Lectures	50
Assignments	30
Individual/non-guided studying-essay writing	65
TOTAL	***185***

ASSESSMENT METHODS

Assessment Language: Greek

Assessment Methods

Final exams than include
- theoretical issues (40%)
- review of case studies (20%)
- exercises (40%)

Main criteria for the assessment during written examination are:
- Educational correctness, scientific substantiation of the answers.
- Ability to use correctly concepts, notions, terms that have been studied and analyzed during the course.
- Reflective and composing ability as regards studying and using of sources and material provided.
- Innovativeness and creativity of educational and teaching

	proposals. - Expressiveness, clarity and comprehensiveness of the answers. - Thought organization, structure of the written essay. - Morphological features of a written essay. The abovementioned criteria are described to the students during the first teacher-student meeting, and are displayed in the e-class website throughout the semester.

5. RECOMMENDED READING

Σαμπράκος Ευάγγελος Α. (2008), Ο τομέας των μεταφορών και οι συνδυασμένες εμπορευματικές μεταφορές, Σταμούλη Α.Ε.

Μαλινδρέτος, Γ. (2015), Εφοδιαστική Αλυσίδα, Logistics και Εξυπηρέτηση Πελατών, Κάλλιπος

Σιφνιώτης, Κ. (1997). Logistics Management, Θεωρία και Πράξη, Αθήνα: Εκδόσεις Σταμούλη.

Rodrigue Jean-Paul, Comtois Claude, Slack Brian (2013), The Geography of Transport Systems, Taylor & Francis Ltd

Rietveld Piet, Bruinsma Frank (2012), Is Transport Infrastructure Effective? Transport Infrastructure and Accessibility: Impacts on the Space Economy, Springer-Verlag Berlin and Heidelberg GmbH & Co. KG

Chopra, S. and Meindl, P. (2001), Supply Chain Management: Strategy, Planning, and Organization., Prentice-Hall Inc. New Jersey, USA.

Rushton, A. & Oxley, J. (1998), Handbook of Logistics and Distribution Management,

Cranfield Institute of Technology, London: Kogan Page Ltd.