

Course Unit Title:	Transport Economics I		
Course Unit Code:	ATTE301		
Type of course unit:	Elective		
Level of course unit:	Bachelor (1 st cycle)		
Year of Study:	3 ^d		
Semester when the unit is delivered:	6 th		
Number of ECTS credits allocated:	6		
Name of Lecturer (s):	Emmanouil Nikolaidis, PhD		
Learning outcomes of the course unit:	<p>By the end of the course, the students should be able to:</p> <ul style="list-style-type: none"> • Examine and understand the transportation systems and networks, the economic and spatial structure of transport systems, the transportation modes and the transport terminals. • Identify the international and regional transportation as well as the urban transportation systems. • Examine the environmental issues and the impact of transportation in the environment is also part of the learning outcomes. • Students elaborate on the basics for the transport planning and policy, as well as the recent developments and challenges in the sector. 		
Mode of delivery:	Lectures and class discussions		
Prerequisites:	None	Co-requisites:	None
Recommended optional program components:	None		
Course Contents:	<ul style="list-style-type: none"> • Lecture 1: Historical Evolution of Transportation – Transportation Geography • Lecture 2: Transportation Systems and Networks • Lecture 3: Economic and spatial structure of Transport systems • Lecture 4: Transportation modes • Lecture 5: Transport Terminals – The function terminals – Freight Terminals – terminals and location • Lecture 6: Mid – Term Exams • Lecture 7: International and Regional Transportation- Transportation – Globalization and International trade • Lecture 8: Urban Transportation – Urban Spatial structure • Lecture 9: Transport and Environment – Environmental policies regarding transport industry – Institutional framework and recent developments 		

	<ul style="list-style-type: none"> • Lecture 10: Transport Planning and Policy • Lecture 11: Cost benefit Analysis in Transport infrastructure investments – Guidelines on CBA by EU Investment framework • Lecture 12: Subject Overview – Students Presentations
Recommended and/or required reading:	<ul style="list-style-type: none"> • Jean-Paul Rodrigue, Claude Comtois and Brian Slack, The Geography of Transport Systems, Routledge, Taylor & Francis Group, 2006. • Emm. Nikolaidis, PhD: Notes and .ppt Presentations
Textbooks:	<ul style="list-style-type: none"> • Jean-Paul Rodrigue, Claude Comtois and Brian Slack, The Geography of Transport Systems, Routledge, Taylor & Francis Group, 2006. • Emm.Nikolaidis, PhD: Notes and .ppt Presentations
References:	<ul style="list-style-type: none"> • Puettman, C., Collaborative Planning in Intermodal Freight Transportation, Gabler, 2010 • J. Mangan et al, Global Logistics and Supply Chain Management, Wiley, 2008.Kyle Bagwell & Robert W. Staiger, The Economics of the World Trading System, MIT Press, 2003 • Stuart Cole Applied Transport Economics: Policy, Management & Decision Making, The Chartered Institute of Logistics and Transport, 2005 • Kenneth J. Button Transport Economics EE 1993
Planned Learning activities and teaching methods:	<p>Lectures, discussions, presentations, assignments.</p> <p>Auditory exercises and questions related to particular open-ended topic issues are compiled by the students and answered, during the lecture or assigned as homework.</p> <p>Topic notes are compiled by students during the lecture which serve to cover the main issues under consideration. Students are also advised to use the subject's textbook or reference books for further reading and practice in understanding topic issues. Further literature search is encouraged by assigning students to identify a specific problem related to some issue, gather relevant scientific information about how others have addressed the problem and report this information in written or orally (scope of assignment).</p> <p>Students are assessed continuously and their knowledge is checked through midterm exams with their assessment weight, date and time being set at the beginning of the semester via the course outline.</p> <p>Students are prepared for final exam, by revision on the matter taught, and are also trained to be able to deal with time constraints and revision timetable. The final assessment of the students is formative and summative and is assured to comply with the subject's expected learning outcomes and the quality of the course.</p>
Assessment methods and criteria:	Mid – term (20%) – Assignment (20%) – Final Examination (60%)
Language of Instruction:	English
Work placement(s):	Not applicable