

COURSE OUTLINE

(1) General information

FACULTY/SCHOOL	Maritime and Industrial Studies		
DEPARTMENT	Maritime Studies		
LEVEL OF STUDY	Bachelor		
COURSE UNIT CODE	NA 403	semester	Spring semester elective
COURSE TITLE	Transport Economics		
INDEPENDENT TEACHING ACTIVITIES <i>in case credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the entire course, give the weekly teaching hours and the total credits</i>	WEEKLY TEACHING HOURS	CREDITS	
<i>Add rows if necessary. The organization of teaching and the teaching methods used are described in detail under section 4</i>	4	6	
COURSE TYPE <i>Background knowledge, Scientific expertise, General Knowledge, Skills Development</i>	General Knowledge		
PREREQUISITE COURSES:	NO		
LANGUAGE OF INSTRUCTION:	GREEK		
LANGUAGE OF EXAMINATION/ASSESSMENT:			
THE COURSE IS OFFERED TO ERASMUS STUDENTS	NO		
COURSE WEBSITE (URL)	https://eclass.unipi.gr/courses/NAS216		

(2) LEARNING OUTCOMES

Learning Outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate (certain) level, which students will acquire upon successful completion of the course, are described in detail.

It is necessary to consult:

APPENDIX A

- Description of the level of learning outcomes for each level of study, in accordance with the European Higher Education Qualifications' Framework.
- Descriptive indicators for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and

APPENDIX B

- Guidelines for writing Learning Outcomes

Target of this course is the study of the transport sector using the tools of economic analysis. They are examined: - supply & demand

- Cost
- Pricing of transport services

Also, it is examined the internalization measures and policies for social cost of transport. Finally, it is analyzed in economic analysis short sea shipping and Greek shipping.

At the end of the course, students will be able:

- to understand and implement economic analysis in transport sector
- to get the knowledge to understand the different markets
- be aware of short-sea shipping market and its necessity and importance in the chain of combined transport (Intermodal Transport)

General Competences

Taking into consideration the general competences that students/graduates must acquire (as those are described in the Diploma Supplement and are mentioned below), at which of the following does the course attendance aim?

Search for, analysis and synthesis of data and information by the use of appropriate technologies,

Adapting to new situations

Decision-making

Individual/Independent work

Group/Team work

Working in an international environment

Working in an interdisciplinary environment

Introduction of innovative research

Project planning and management

Respect for diversity and multiculturalism

Environmental awareness

Social, professional and ethical responsibility and sensitivity to gender issues

Critical thinking

Development of free, creative and inductive thinking

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(Other.....citizenship, spiritual freedom, social awareness, altruism etc.)

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- Adapting to new situations
- Individual work or Team Work throughout the Papers they need to accomplish
- Work in an international environment
- Work in an interdisciplinary environment
- Produce of new research methods

(3) COURSE CONTENT

1. Basic characteristics of transport sector
2. Supply and Demand of transport services. Demand Factors.
3. Production cost of transport services
4. The social cost by producing transport services
5. The most important pricing policies for transport services
6. Methods to internalize external cost
7. The role of the State in transport sector
8. Investment evaluation techniques and methods of transport projects
9. The contribution of transport infrastructure in country's economic development
10. Combined transport economics (Intermodal transport)
11. Short – sea shipping economics

(4) TEACHING METHODS--ASSESSMENT

<p>MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i></p>	<p>In-class lecturing</p> <p>Face to face (for queries for the lesson or the exercises being given)</p>										
<p>USE OF INFORMATION AND COMMUNICATION TECHNOLOGY <i>Use of ICT in teaching, Laboratory Education, Communication with students</i></p>	<p>Use of ICT in teaching (e-class)</p> <ul style="list-style-type: none"> • notes of the lesson • communication with students 										
<p>COURSE DESIGN <i>Description of teaching techniques, practices and methods: Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, projects, Essay writing, Artistic creativity, etc.</i></p> <p><i>The study hours for each learning activity as well as the hours of self-directed study are given following the principles of the ECTS.in</i></p>	<table border="1" data-bbox="683 1256 1342 1480"> <thead> <tr> <th><i>Activity/Method</i></th> <th><i>Semester workload</i></th> </tr> </thead> <tbody> <tr> <td>Lectures</td> <td>52</td> </tr> <tr> <td>Written project (team or individual)</td> <td>40</td> </tr> <tr> <td>Non-guided study</td> <td>58</td> </tr> <tr> <td>Total</td> <td>150</td> </tr> </tbody> </table>	<i>Activity/Method</i>	<i>Semester workload</i>	Lectures	52	Written project (team or individual)	40	Non-guided study	58	Total	150
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Total	150										
<p>STUDENT PERFORMANCE EVALUATION/ASSESSMENT METHODS <i>Detailed description of the evaluation procedures:</i></p> <p><i>Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice tests, short- answer questions, open-ended questions, problem solving, written</i></p>	<p>-Written final examination for all students(100%) in Greek which includes Constructed response questions and short answer questions</p> <p>-Individual (or team) written project (30%)</p>										

<p><i>work, essay/report, oral exam, presentation, laboratory work, other.....etc.</i></p>	
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Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students.

(5) SUGGESTED BIBLIOGRAPHY:

-Suggested bibliography:

- 1. Transport Economics, Samprakos E. , 2018, Varvarigou Publications, Athens*
- 2. Transport Economics, Profillidis V., 2016, Papasotiriou Publications, Athens*
- 3. Specified notes and sources uploaded in e-class platform*
- 4. Scientific Magazines
Intermodal Transport Systems, Bremen*