

Academic Year: (2023 / 2024)

Review date: 09-07-2020

Department assigned to the subject: Economics Department

Coordinating teacher: ESCRIBANO SAEZ, ALVARO

Type: Compulsory ECTS Credits : 6.0

Year : 2 Semester : 1

OBJECTIVES

Students become familiar with the characteristics of the Transport Sector, supply and demand. They will be able to raise the common problems in the regulation of Transport, and recognize the problems of Enterprises decisions within the sector. Develop an ability to apply the techniques and tools of economic analysis to the study of Energy Sector economy, and prepare reports and documents on the evaluation of real projects analysis. Also, the students get an extensive knowledge of Spanish and European transport system.

DESCRIPTION OF CONTENTS: PROGRAMME

MODULE I: Theory and Case Studies

1. Introduction to transport economics
2. Transport Costs
3. Pricing in Transport Markets
4. Transport Demand
5. Economic Regulation of Transport Markets
6. Analysis and Treatment of Externalities in Transport
7. Statistical and Econometric Methods for Transportation Data Analysis
8. Transport Modelling I ¿ methodology
9. Transport Modelling II ¿ Case Studies

MODULE II: Transport Management Best Practices

1. Urban and Metropolitan Transport
2. Maritime Transport and Ports
3. Air: infrastructure and Services
4. Intercity
5. Railway
6. Passengers and Merchandise Transport: Operative Issues
7. Merchandise Transport Legal Issues

LEARNING ACTIVITIES AND METHODOLOGY

Theoretical lessons
 Problem solving and case study in the classroom
 Individual and group work to solve problems, simulations and case study
 Presentation of individual and group work
 Visits to leading centers in the sector.
 Tests

ASSESSMENT SYSTEM

The course evaluation is continuous through tests, exercises, and class participation. Multiple choice tests will be carried out by students at the end of each of the three parts of the program.

% end-of-term-examination:	0
% of continuous assessment (assignments, laboratory, practicals...):	100

