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CENTRO DE POSTGRADO

Sponsored by:



Specialization Degree on Transport Economics

This course is part of:

Expert Degree in Economics of Regulated Markets
 Master in Industrial Organization and Markets



Presentation and objectives

The Specialization Course in Transport Economics offers the necessary tools to explain how does the transport sector works. The case of Spain is particularly relevant due to the liberalization experiences that took place within the international context. All modes of transport (urban, railways, road, maritime and air) were subject to deregulation.

With the advice of the leading companies in the sector, the program has been designed to highlight the main issues and the latest developments in the transport sector.

The course is structured in three modules. The first module introduces a general view of theoretical issues related Transport Economics. The second module presents a number of best practices in transport management for different transport modes, and applies the foundations of Economic Theory in the discussion. The last module shows the most frequently used tools in transport studies and applies them to two case studies.

Organization

The Specialization Course in Transport Economics is part of the program of the Course in Economics of Regulated Markets of the Universidad Carlos III de Madrid.

The length of the Specialization Course in Transport Economics will be 56 hours, from October to December. All classes are scheduled from 4:00 pm to 7:30 pm.

Registration fee

Registration fee (including seminars and practical classes) is 2000 euros.

Diploma

A Diploma will be given to all students upon completion of course requirements, including assistance, participation, and tests.

Schedule and location

Classes will be from 4:00 pm to 7:30 pm and will take place in Madrid-Puerta de Toledo Campus of the Universidad Carlos III de Madrid, located at Madrid.

Program

MODULE I: PRINCIPLES OF TRANSPORT ECONOMICS

This module reviews the major theoretical issues in Transport Economics, from both the supply and the demand perspectives. The main issues are concerned with transport activities, transport costs, principles of tariff systems, and the structure and organization of markets for the different transport modes. The last two sessions will deal with the financing of transport infrastructure projects including an introduction to Private Public Partnerships (PPPs).

MODULE II: TRANSPORT MANAGEMENT BEST PRACTICES.

Analysis of the different transport modes. Special attention will be given to all aspects of organization, economic, and technological issues that shape the sector in Spain.

- Urban and metropolitan transport
- Intercity transport
- Railways
- Maritime transportation
- Air transportation

To address the applied focus of this course, faculty will combine both qualified professionals and professors with research experience in the transport sector.