SYSTra

Course fee: £450 (excl. VAT)

This course explains the demand forecasting principles underlying the Passenger Demand Forecasting Handbook, as widely used in the UK railway industry, and provides a guide to the forecasting procedures contained within it.

A wide range of worked examples are covered in the course and delegates will apply PDFH6 recommendations to real-world demand forecasting problems. The course is designed for railway managers and consultants involved in rail demand and revenue forecasting.

The programme will cover the following:

- Outline and objectives

- Principles and concepts

    - Principles of demand models and brief overview of different types of model
    - Relationships between elasticities: own elasticities, cross elasticities and conditional elasticities
    - Generalised Journey Time (GJT) and rooftop model
    - Implicit/deduced elasticities

- PDFH6

    - Discussion of PDFH as a forecasting framework
    - Forecasting the impact of external factors (eg GDP, population, employment, age, occupation type and car ownership), fares and timetable factors
    - The effect of crowding, other service quality factors and impacts of new services
    - Demand build up or lags
    - Worked forecasting examples

- Practical Session covering demand forecasting exercises

Venue: the course will be held at the Rail Delivery Group's offices - 200 Aldersgate Street (South Building), London EC1A 4HD. Refreshments and lunch will be provided during the course.

For further information on the **course content** please contact
Fitsum Teklu – Tel 0203 882 9169; Email: fteklu@systra.com

Bookings for the course should be sent to the **Short Courses Secretary**, Institute for Transport Studies, University of Leeds, Leeds LS2 9JT. Tel: 0113 343 9904; Email: cpd@its.leeds.ac.uk