

Course fee: £500 (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 PDFH 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
 - Elasticities and cross elasticities
 - Relationships between elasticities
 - Generalised Journey Time (GJT) and rooftop model
 - Implicit elasticities
 - Conditional and non-conditional elasticities
- PDFH
 - Discussion of PDFH as a forecasting framework
 - Forecasting the impact of external factors (e.g. GDP and population), 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, 2nd Floor, 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