Upgrade to LinSig Version 3 Course
Wednesday 29th July 2009
Jurys Inn Birmingham

Duration: 1 day
Price: GBP195 (exc. VAT)

Overview
This upgrade course is suitable for anyone who has previously used Version 2 of LinSig or would like to see the features of Version 3 in more detail.

Pre-requisites
The course will assume that delegates have a good understanding of LinSig - preferably Version Two.

Course Content
LinSig is a comprehensive design and modelling package for traffic signal junctions either individually or in a network of junctions. LinSig has been used throughout the UK since the mid 1980s and has consistently been the most widely used signal design software in the UK for over 20 years. Over this period LinSig has been extensively developed to stay at the forefront of traffic signal modelling.

LinSig3 takes the modelling of networks to a new high offering multiple signal controller modelling, traffic assignment, matrix estimation and the ability to combine single junction files into a single network. For junction modelling there is an improved facility for modelling short lanes, filters and right turns including the ability to model pedestrians giving pedestrian delays.

Whilst many LinSig users will attempt to learn Version Three by reading the software documentation, or even trial and error, the upgrade course allows the rationale behind many of the new features to be explained, best practice to be learnt and questions to be answered. The course is a lectured course rather than a practical workshop as this format allows the maximum number of new features to be introduced whilst keeping the course concise. Those requiring a longer more practically based computer workshop may like to consider the ?LinSig3 Computer Workshop?.

Course Topics

The course will cover the following topics:

- Differences in modelling Links / Lanes ? e.g. Improved and simplified modelling of short lanes, filters and right turns.
- Defining Junctions, Controllers and junction performance indicators.
- Lane by lane traffic assignment.
- Right turn blocking and lane usage.
- Route journey Times.
- Generating a ?best fit? traffic flow matrix from observed traffic counts.
- Setting up Pedestrian Links and reviewing pedestrian delays.
- How to merge LinSig junctions into a network.
- Modify networks by banning turns or closing routes and use the assignment model to reallocate traffic and re-optimise the model.
- Extra Graphical features and editing enhancements.

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Accreditation

All JCT courses are ?Approved? or are pending ?Approval? by the Institute of Highway Engineers and attendance is therefore recognised by the IHE and many other bodies as evidence of Continual Professional Development (CPD).

Courses are managed under a ISO9001 Quality Management System.

Dates & Times

This course will run from Wednesday 29th July 2009 and last for 1 day.

The following schedule should apply although all times are provisional and subject to change as required on the day:

Day 1: 09:15 - 17:00.

Course Venue

Venue: Jurys Inn Birmingham

Location: Birmingham

Venue website: www.jurysinns.com

Address of venue: 245 Broad Street, Birmingham

Venue postcode: B1 2HQ

Course Tutors

Depending upon scheduling constraints, our course tutors will sometimes split tuition between them or teach a given course in its entirety whilst the other is unavailable. Please contact us directly if you need more specific detail about who will be teaching a specific course.

Course tutor: Dr Douglas Reid

Douglas joined JCT in 2006, becoming a director of the company in January 2008. This followed 30 years of experience in local government working on Urban Traffic Control, traffic signal design, development planning, major transport schemes and local transport plans. His work has included large numbers of signalled roundabouts and traffic signals as part of major road schemes and developments. He has also had much involvement in area-wide transport studies, including transport network modelling.

Douglas is a leading expert on junctions, and in 1994 gained his PhD at Nottingham University in junction design and tackling urban congestion. He has well recognised presentation skills, having given many papers at conferences and expert evidence at public inquiries. He has long standing experience as a training lecturer, having taught traffic signal design on JCT courses since 1987. Since joining JCT full time Douglas has been a key lecturer and is extensively involved in all aspects of JCT training.

The information presented here is kept as accurate and up to date as possible, nevertheless, this document is static and cannot be updated if any changes to the course arrangements are made. We make every effort to inform our delegates if we have to make any cancellations and if any changes are made to the venue or schedule. We also advise all delegates to check the website or contact us directly to confirm course details a few days before the course starts.

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