

# Introduction to Traffic Signals

## Monday 25th June 2012

### Leeds - venue tba

Duration: 2 days  
Price: £495 (exc. VAT)

#### Overview

This course is suitable for anyone recent or new in the traffic signal/control field. In addition, senior managers who find that they are responsible for traffic signal control teams and their background experience hitherto has been in other specialist areas such as highway design, transportation planning etc. will find this a very useful course. The course offers an ideal preparation for virtually any of our other courses, and particularly for a LinSig course, which usually follows.

#### Pre-requisites

The course starts from basics; hence no prior knowledge is required.

#### Course Content

The course is aimed at providing an insight into the traffic signals field, covering a number of design related subjects at an introductory level including:

- Legislation & Good Practice.
- Traffic Signal Terminology.
- Pedestrian and Cyclist Traffic Provisions.
- How Traffic Signals Work.
- Traffic Signal control strategies.
- Traffic Signal Theory and Calculations.
- Efficient Pedestrian Signalling.
- Safety Considerations.
- Overview of Geometric Design.
- Traffic Signals in Modelling.

#### 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 Monday 25th June 2012 and last for 2 days.

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.

Day 2: 09.15 - 17.00.

#### Course Venue

Venue: Leeds - venue tba

Location: Leeds

Address of venue: The venue will be announced nearer to the course date. This will be a hotel or conference centre, usually in a central location with easy access from a train station if possible.



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## 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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