

# Introduction to Traffic Signals

## Tuesday 20th May 2025

### Birmingham - Conference Aston

Duration: 2 days  
Price: £690 (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 Tuesday 20th May 2025 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: 09:00 - 17:00.

Day 2: 09:00 - 17:00.

#### Course Venue

Venue: Birmingham - Conference Aston

Location: Birmingham

Venue website: [www.conferenceaston.co.uk/attending-an-event/](http://www.conferenceaston.co.uk/attending-an-event/)

Address of venue: Conference Centre & Hotel, Aston Street, Aston University



training  
software  
consultancy

LinSig House,  
Deepdale Enterprise Park,  
Nettleham, Lincoln  
LN2 2LL

tel: +44 (0)1522 751010  
fax +44 (0)1522 751188

e: [courses@jctconsultancy.co.uk](mailto:courses@jctconsultancy.co.uk)  
w: [www.jctconsultancy.co.uk](http://www.jctconsultancy.co.uk)

Campus, Birmingham

Venue postcode: B4 7ET

**How to get there:**

<http://www.conferenceaston.co.uk/attending-an-event/how-do-i-get-to-you/>

**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: John Nightingale MSc(Eng), CEng FIHE MCIHT**

*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.*



**training  
software  
consultancy**

LinSig House,  
Deepdale Enterprise Park,  
Nettleham, Lincoln  
LN2 2LL

tel: +44 (0)1522 751010  
fax +44 (0)1522 751188

e: [courses@jctconsultancy.co.uk](mailto:courses@jctconsultancy.co.uk)  
w: [www.jctconsultancy.co.uk](http://www.jctconsultancy.co.uk)