

# A Basic Introduction to Traffic Signal Terminology, Calculations and How Signals Work

Monday 1st July 2019

JCT Offices, Lincoln

Duration: 1 day

Price: £235 (exc. VAT)

## Overview

This course is designed to provide anyone whose work involves traffic modelling with a concise grounding in the most important traffic signal concepts. The correct modelling of traffic signals is vital in any traffic model and to achieve this it is important that traffic modellers understand how traffic signals work and are designed. This course is based on our more comprehensive two day Introduction to Traffic Signals course but concentrates on subjects of most interest to traffic modellers to allow the course to be completed in one day. The course covers basic concepts and does not cover any details of how traffic signals are modelled in modelling software.

## Who Should Attend

This course is suitable for anyone involved in traffic modelling and who are new to traffic signals or would like to refresh their understanding of important traffic signal concepts. It is suitable for complete beginners and no prior knowledge of traffic modelling or traffic signals is required. This course also provides all of the pre-requisite knowledge required for anyone looking to complete one of our LinSig courses.

For anyone involved more generally with traffic signals, for example in an operational role, our Introduction to Traffic Signals two day course will provide a more comprehensive introduction to a wider range of topics.

## Pre-requisites

This course is suitable for complete beginners and no prior knowledge is required.

## Course Content

The course is aimed at providing a good grounding in the most important traffic signal concepts which traffic modellers will encounter when building or checking traffic models.

- Traffic Signal Terminology.
- Traffic Signal Theory and Calculations.
- How Traffic Signals Work.
- Traffic Signal control strategies.
- Providing for Pedestrians and Cyclists.

## 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 1st July 2019 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: 09:00 - 17:00.



training  
software  
consultancy

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### Course Venue

Venue: JCT Offices, Lincoln

Location: Lincoln

Venue website: [www.jctconsultancy.co.uk](http://www.jctconsultancy.co.uk)

Address of venue: JCT Consultancy Ltd.

LinSig House

Deepdale Enterprise Park

Nettleham

Lincoln

Venue postcode: LN2 2LL

### How to get there:

Office Directions by Road:

### Description of venue:

New purpose built offices and training facility, just off the A46, 2 miles to the NE of Lincoln.

### 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.*



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