

# Road Safety Engineering – Assured by RoSPA (e-Learning)

## Course Overview

The content of this version of the course is adapted from the full 10 Day RoSPA Road Safety Engineering course, structured as follows:

**Part 1** - Road Safety Engineering and Practice (30 hours)

**Part 2** - Collision Investigation Study (30 hours)

You will have access to the online course material for 60 days, which is the timeframe the course must be completed within. You can choose to start this from any date that suits and have the flexibility to work through everything at your own pace, but you will need to average at least 1 hour per day.

This course is suitable for those who require a solid, comprehensive understanding of the theory and practice of road collision/accident investigation and prevention. This course is designed for engineers and technicians working in local authorities, consultancies, executive agencies and the Department of Transport. It is also suitable for Road Safety Officers, Police and Armed Forces personnel and other professionals concerned with road safety.

Completion of the course and case study report provides the ten days formal training specified in GG 119 by National Highways for Road Safety Auditors. Road Safety Audits can only be undertaken on trunk roads and motorways by suitably trained and experienced staff.

## Aims and Objectives

The course provides delegates with the knowledge, skills, competency and confidence to undertake road collision/accident investigations in a more convenient format that doesn't require any time away from the office.

## Topics Covered

This ten-day course focuses on the following key areas:

- Introduction and Terminology
- Factors Involved in Collisions and Casualties
- How do Collisions happen?
- Approaches to Improving Road Safety
- Principles of Road Safety Engineering
- Road Safety Issues
- Legal duty to report road accidents
- Collecting Road Collision Data
- Collisions and Casualties numbers and trends
- Data for Collision Investigation and Monitoring
- Collision Investigation
- Calculating collision rates and using rates, 'Norms' and averages for comparison continued....

## Topics Covered

- Statistics for Road Casualty Sites
- Estimating Collision Savings
- Economic Assessment of Proposed Treatments
- Collision Investigation – Evaluation of options
- Speed Reduction
- Signs and Road Markings
- Junctions and Bends
- Pedestrians and cyclists
- Skidding Resistance
- Road Safety Engineering Scheme Examples
- Introduction to Road Safety Audits
- Examples of audit issues
- Becoming a qualified Road Safety Auditor

In the second half of the course, delegates will work to investigate and analyse a real-life case study and design an appropriate remedial programme. A written report will need to be completed and then assessed by a TMS trainer.

## Certification

All delegates completing this course and report will receive a RoSPA CPD certificate of attendance, recognised by both the IHE and CIHT. This certificate will comply with existing National Highways training requirements for ten days formal training for Road Safety Audit as stated in GG 119.

Delegates not completing the case study report to an adequate standard will receive a certificate relating to the number of training days fully completed.

## Course Fees

For accurate information on pricing, please refer to the relevant website page.

## Booking

To make a booking on the course please choose from the following options (via our website):

- Online booking
- Offline booking form (only available on request)

## In-House Training

This course can be delivered in-house at your offices or at a suitable venue. In-house training can often work out more cost effective if you have several members of staff you would like to be trained at any one time.

If you would like a quotation or further information regarding our in-house training, please contact us using one of the enquiry forms on our website.



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