

Road Safety Engineering – Assured by RoSPA (10 day course)

Course Overview

This ten-day course comprises a wide range of lectures and workshops in the first week and practical work in the second week.

The 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, the Department of Transport and Executive Agencies. It is also suitable for Road Safety Officers, Police and Armed Forces Personnel and other professionals concerned with road safety.

Completion of the course 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 investigations and the opportunity to meet other Road Safety Professionals and learn from each other.

The course also provides an informal, relaxed teaching environment in which delegates and tutors can share information.

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

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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

Week two of the course is spent in small groups of between 3 and 5 learners putting into practice the learning from week one. You will be working on a collision investigation study for the entire week within the group, with assistance as required from the course tutor.

Each member of the group will be expected to contribute equally to the work, which will result in the delivery of a written report, and a group presentation on the final morning of the course. We will issue guidelines at the start of week two to assist you both with the technical work and with group dynamics. If you have any concerns prior to attending the course about small group work, please do not hesitate to contact us to discuss this and we will arrange for one of our tutors to contact you prior to attending the course.

Certification

All delegates completing this course 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 10 days formal training for Road Safety Audit as stated in GG 119.

Course Fees

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

Booking

To make a booking on the course please complete the online booking form via our website.

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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