



# Road Safety Audit & Engineering Hong Kong 10 Day Programme

## Overview

The Transport Department of Hong Kong has introduced a Road Safety Audit chapter (Vol 5 Chapter 7) to the Transport Planning and Design Manual (TPDM): an updated Manual was released in April 2019. This road safety audit requirement has now become a key part of the Transport Department's requirements for new public road projects carried out by government departments. For minor public road works scheme where there is little or no impact on road user behaviours, they may be exempted, if justifications are agreed by Transport Department.



The Chartered  
Institute of Logistics  
and Transport



[ptrc-training.co.uk](http://ptrc-training.co.uk) | +44 207 348 1970 | [info@ptrc-training.co.uk](mailto:info@ptrc-training.co.uk)

To book on to the programme, please fill in the attached form and send to [info@ptrc-training.co.uk](mailto:info@ptrc-training.co.uk)

# Road Safety Audit & Engineering 10 Day Programme



## Overview

Our ten day course programme comprises a wide range of lectures, workshops, assessment exercises and practical site visits over the two weeks.

All delegates completing this course will receive a CPD certificate of attendance, endorsed by The Chartered Institute of Logistics and Transport (CILT UK). This certificate will comply with existing Transport Department training requirements for 10 days formal training for Road Safety Auditors as stated in TPDM Vol 5 Chapter 7.

Road Safety Audits can only be undertaken on highways by properly trained and experienced staff.

## Learning Outcomes

**On completion of the course, delegates will:**

- ✓ Be acquainted with the causes of accidents/collisions
- ✓ Be acquainted with collision/accident and statistical analyses
- ✓ Have an understanding of the holistic roles of engineering, education and enforcement in addressing road safety
- ✓ Be aware of the types of safety audits including cycle, non-motorised and motorised users
- ✓ Be aware of the safety audit stages and process including the roles and responsibilities of all involved
- ✓ Understand how to write and present audit reports
- ✓ Be involved in practical site investigations and mitigation measures
- ✓ Be aware of the latest developments in the revision of TPDM Vol 5 Chapter 7 to project sponsors, designers & road safety auditors
- ✓ Have an understanding of road safety audit standards from international good practices

## Who Should Attend?

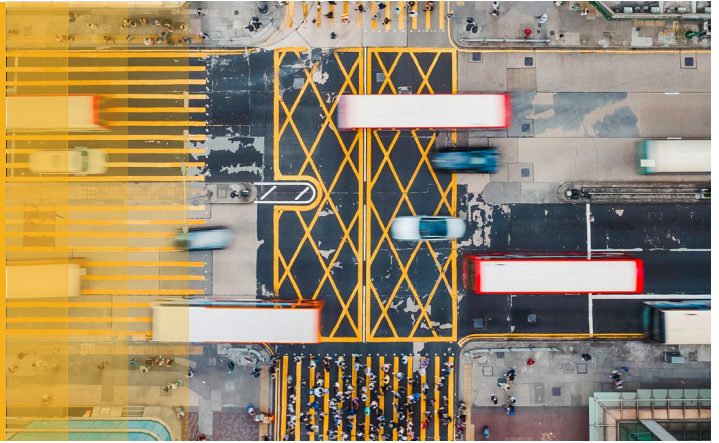
The course is designed for those who require a solid, comprehensive understanding of the theory and practice of road accident/collision investigation and prevention and those who would undertake road safety audits. This course is designed for engineers, planners, and technicians with a minimum of 2 years' experience in road safety engineering or accident/collision investigations and working in local authorities, consultancies, the Transport Department or executive agencies. It is also suitable for road safety officers, police and Armed Forces personnel and other professionals concerned with road safety but have limited or no experience of road safety auditing activities.

**To book on to the programme - complete the attached form**

[ptrc-training.co.uk](http://ptrc-training.co.uk) | +44 207 348 1970 | [info@ptrc-training.co.uk](mailto:info@ptrc-training.co.uk)

To book on to the programme, please fill in the attached form and send to [info@ptrc-training.co.uk](mailto:info@ptrc-training.co.uk)

# Road Safety Audit & Engineering 10 Day Programme



## Programme\*

- 1 Day One - Introduction and Learning Objectives**  
Overview of course; The global road safety problem; Road safety policies; Education, enforcement and engineering; Road safety strategy; Establishing process and procedures; Safe Systems and Vision Zero; iRAP/ChinaRAP methodology
- 2 Day Two - Accident/Collision Analysis**  
Causation and contributory factors; Road casualty data; Principles of road safety engineering; Collision analysis practical
- 3 Day Three - Statistical Analysis**  
Estimating collision costs, savings including worked examples; Site specific analysis; Conflict analysis; Conflict study; Collision saving and Economic evaluation
- 4 Day Four - Road Safety Engineering**  
Site visits; Site investigation - accident remedial measures; Route assessment - route assessment measures; Area wide assessment - mass action safety measures; Effectiveness of measures
- 5 Day Five - Road Safety Assessment - Group Exercises**  
Introduction to Road Safety Assessment; Road Safety Assessment practical (Group Exercise) referencing local case study; group presentations of Road Safety Assessment findings
- 6 Day Six - Introduction to Road Safety Audit**  
Overview of road safety audit; International best practice; Process and procedures; Checklists and report structure; Different stages of Road Safety Audit; Designer Response reporting
- 7 Day Seven - Road Safety Audit Practical (guided) - Group Exercises**  
Guided Exercise - Road Safety Audit Practical; Good practice in presentation of Road Safety Audit reports; Focus on common road safety issues in Hong Kong
- 8 Day Eight - Road Safety Audit Practical (guided) - Group Exercises**  
Guided Exercise - Road Safety Audit Practical; Good practice in presentation of Road Safety Audit reports; Focus on Vulnerable Road Users in Road Safety Audit
- 9 Day Nine - Road Safety Audit Practical ('try for real') - Group Exercises**  
'Try for real' - Road Safety Audit Practical; delegates form Road Safety Audit Teams and produce Road Safety Audit reports and presentations
- 10 Day Ten - Road Safety Audit Practical ('try for real') - Group Presentations / Evolving Technology and Agendas / Course Recap and Q&A**  
Group presentations of 'try for real' Road Safety Audit exercise; Road safety implications of evolving technology and agendas; recap of the key learning points from the training course; open discussion and Q&A

\*Please note that this is a preliminary programme and is subject to change

## To book on to the programme - complete the attached form

[ptrc-training.co.uk](http://ptrc-training.co.uk) | +44 207 348 1970 | [info@ptrc-training.co.uk](mailto:info@ptrc-training.co.uk)

To book on to the programme, please fill in the attached form and send to [info@ptrc-training.co.uk](mailto:info@ptrc-training.co.uk)

