

Practical Road Safety Auditing

Course Development Update

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ROAD SAFETY ENGINEERING

Today's Talk Will Cover

- Feedback from previous course
- Overview of new course
- About the trainer
- Aims & objectives
- Key learning outcomes
- Delivery method
- Course structure
- Module Content
- Who should attend
- Dates, cost & booking

Feedback From Previous Course



Overview of New Course

Practical Road Safety Auditing

Overview of New Course

- This course is for individuals who wish to become a Road Safety Auditor or those required to manage the road safety audit process.
- Not exclusively for future Road Safety Auditors.
- It's also for professionals involved in the design, construction or maintenance of roads, streets or the public realm.

About the Trainer

Practical Road Safety Auditing

About the Trainer



Martin Deegan
BEng(Hons) MSc CEng MIEI

- Currently Principal Engineer / owner of Traffico, a design practice specializing traffic & road safety engineering.
- His niche is Road Safety Engineering.
- Extensive experience in delivering transportation infrastructure through all commission stages.
- The first chapter of career serving international contractors supporting the construction of major road and infrastructure projects.
- Last 20 years, taken a hands-on approach serving in Director positions for high profile engineering design consultancies.
- Here, he started and grew a number of successful traffic and road safety engineering teams from the ground up.

Aims & Objectives

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Aims & Objectives

- The aim of the course is to use engaging content to provide delegates with an insight into how collisions happen and the general principles of road safety.
- Then, using a combination of interactive learning and collaborative workshops, delegates will be provided with practical (hands-on) experience in how Road Safety Audits can be undertaken effectively.

Learning Outcomes

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Key Learning Outcomes

- Gain knowledge of the Standards which apply to Road Safety Auditing
- Understand how collisions can happen
- Know the Road Safety Audit Process and the general principles of road safety
- Obtain experience of the road safety audit method
- Participate in the development of Design Stage Road Safety Audits
- Participate in the development of Construction Stage Road Safety Audits
- Understand the trade-off between cost and benefit in road safety auditing
- Be familiar with risk assessment for the Road Safety Audit Process
- Know about how to audit development schemes effectively

Delivery Method

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Delivery Method

- Initially an online format using Microsoft Teams.
- Access to a laptop or desktop computer equipped with a webcam and microphone will be essential for participation.

When restrictions permit, preference will be placed on returning to a face to face learning format.

Course Structure

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Course Structure

- The course has been divided into 6 sequential and interactive modules.
- Modules carefully developed to build knowledge in a logical sequence.
- Delivered in blocks of 3 consecutive mornings across two weeks.
- Each interactive module will run for between 1.5 and 3 hours.

The module structure has been designed to make it easy to juggle work commitments around them.

Module Content



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Module 1 – Standards Collisions & Process

- What is a Road Safety Audit?
- TII Standards and Approvals
- History of Road Safety Auditing in Ireland
- Collisions: Context and Cause
- Stages of Road Safety Audit
- The Audit Team
- The Road Safety Audit Process

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Module 2 – Road Safety Principles

- General Road Safety Principles
- Safety for Vulnerable Road Users
- Safety at Junctions
- Safety on Links
- Road Features = Road Safety

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Module 3 – The Road Safety Audit Method

- The Audit Brief
- The Desk Study (including checklists)
- The Site Inspection
- Audit Team Collaboration
- Road Safety Audit Stages
- Methodology for Design Stage Road Safety Audits
- Methodology for Construction Stage Road Safety Audits
- Writing the Audit Report

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Module 4 – Delivering Design Stage Road Safety Audits

- Stage F Road Safety Audit – Overview
- Stage 1 Road Safety Audit Workshop
- Focus Point: The Road Safety Audit Feedback Form
- Stage 2 Road Safety Audit Workshop

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Module 5 – Delivering Construction Stage Road Safety Audits

- Focus Point: Exception Report
- Stage 3 Road Safety Audit Workshop
- Stage 4 Road Safety Audit

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Module 6 – Cost / Benefit & Risk Assessment

- Balancing Costs against Benefits
- Risk Assessment for Road Safety Auditors
- Focus Point: Auditing Development Schemes

Who Should Attend?

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Who Should Attend?

- Individuals who manage the road safety audit process and its outcomes
- Government Department or State Agency employees
- Local Authority employees
- Engineers, planners & architects
- Contractors involved in road and street works
- Consultants involved in road design and road safety auditing
- Road safety engineers and road safety practitioners

A better general understanding of the principles of road safety will be achieved by making the course available to a wider base of professionals.

Dates, Cost & Booking

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Dates, Cost & Booking

- The first course is planned as follows:

Module 1: Tuesday 27th July

Module 2: Wednesday 28th July

Module 3: Thursday 29th July

Module 4: Tuesday 10th August

Module 5: Wednesday 11th August

Module 6: Thursday 12th August

To improve learning outcomes, class sizes will be limited to 20 delegates. In order to meet latent demand, the course will be repeated more frequently.

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Dates, Cost & Booking

- The cost plan is still in development.
- However the course cost is likely to fall between €1,100 - €1,200.

Guest speakers will be arranged to enhance the delivery process and support interaction.

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Dates, Cost & Booking

- Further details of the course will be broadcast by TII, on the Traffico website and on LinkedIn.
- Website: www.traffico.ie
- LinkedIn: <https://ie.linkedin.com/in/martin-deegan>
- Email: hello@traffico.ie

Thank you for listening!

Contact details:

- Website: www.traffico.ie
- Email: hello@traffico.ie

Familiarisation with Standards

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Familiarisation with Standards

Attendees should make themselves familiar with the following Standards:

- GE-STY-0124 Road Safety Audit
- GE-STY-0127 Road Safety Audit Guidelines
- GE-STY-0125 Road Safety Audit – Audit Team Qualifications



Successful Completion

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Successful Completion – Accredited Training

- Delegates completing this course will receive a CPD certificate of attendance, recognised and endorsed by Transport Infrastructure Ireland (TII).
- This course is the accredited training required for road safety engineers, road design engineers and road traffic engineers who wish to become TII Audit Team Members (ATM).