



Next course:
24-25 April 2023

Collision Investigations Training

Strategies for achieving better outcomes





Reducing road related risk

In 2018* 520 people were killed in road collisions in Great Britain involving someone who was riding for work, driving for work, or a passenger in a vehicle being driven for work. This is twice the number of people killed due to other workplace activities.

Another way of looking at the same crash data shows that 1 in 4 road traffic collisions involve a person driving for work.

Proactively managing road related risk is a key area of focus for many large organisations who employ people to drive in the course of their work. When an organisation works across a wide geographical area (even a number of countries), has many locations, or has a large supply chain, then proactively managing risk related to work related driving is an additional challenge.

*most recently available statistics

In our experience, this type of risk can be effectively managed through:



Regular reviews and updates to company policy



Optimising use of available telematics data from fleet vehicles



Education and training



Encouraging driver well-being and healthy lifestyles

Your response to an actual road traffic collision is a vital element contributing to continual reduction of risk

Training for post-collision response

This course is designed for

- Fleet managers
- Health & Safety managers
- Legal or Compliance managers
- Supervisors

who may be required to manage a claim for damages or personal injury following a road collision.

A manager with the knowledge and ability to respond to a collision effectively will achieve

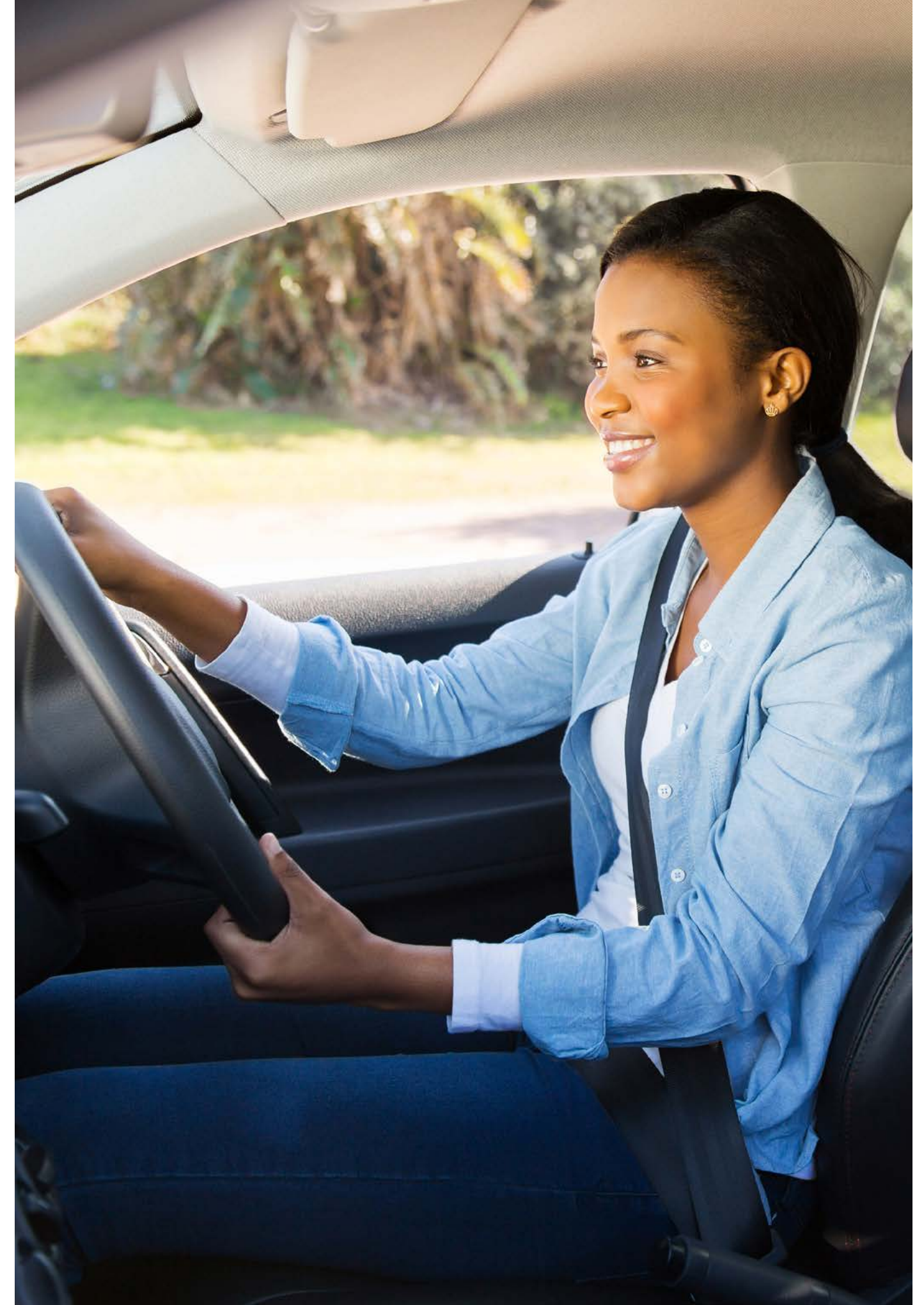
- *a better result for any victims*
- *a faster insurance claim process*
- *lower court defence costs*
- *reduced downtime*
- *stronger insurance risk profile*

The cost of road collisions:

- lost revenue
- vehicle repairs
- higher insurance premiums
- court defence costs
- staff time off due to injury

Lessons learned from in-house collision investigation leads to:

- better policies on driving for work
- safer drivers
- fewer workplace injuries





Course objectives

- Understand what an investigation involves and capture potentially critical short-lived evidence to analyse the collision scene
- Report on how or why a collision occurred and what can be done to prevent it from happening again
- Advise the company's legal position and corrective actions to take
- Make recommendations for company reviews of vehicle safety policies and investment
- Support staff training and the company's disciplinary process

Course content

- An overview of the human, vehicle and environmental influences that could cause or contribute to traffic collisions
- How to capture physical evidence and what to look for, including health and safety considerations when investigating a collision scene
- Techniques for vehicle examination, photographing evidence and measuring collision scenes
- The use of in-vehicle technology and CCTV analysis and how they can assist an investigation
- An introduction to reconstruction methods
- Road accident report writing
- Equipment required for collision investigation



Your trainer

Craig Arnold is a Senior Consultant in the Investigations Group at TRL and is the Technical Lead for our investigations conducted on behalf of the United Nations. Craig holds a Master's degree and has researched the use of big-data and machine learning to reduce road collisions whilst studying for a PhD in Criminology.

Craig is an experienced investigator with over a decade specialising in road collisions and has international casework experience involving collisions in South America, Africa, and Europe. He holds a Certificate of Higher Education with Distinction in Forensic Road Collision Investigation and has reconstructed a wide range of incidents. Craig specialises in road collision reconstruction and CCTV analysis, particularly in relation to vehicle speed and line-of-sight analysis. He is a LEVA Certified Forensic Video Technician (CFTV) qualified to level four. Craig is a digital data specialist and has experience with tachographs, incident/event data recorders, and vehicle-borne accelerometers (telematics) and has investigated collisions involving connected vehicles.

Craig holds driving licence categories for motorcycles, large goods, and passenger-carrying vehicles. Craig is also a contributor to the book 'Roadcraft – The Police Driver's Handbook' and before joining TRL was a class one advanced police pursuit driver, and police motorcyclist. He has specialist experience with commercial vehicles and has led investigations involving load security, dangerous goods (ADR), and abnormal loads. He is a Fellow of the IMI, Advanced Automotive Engineer, and a full member of the Chartered Society of Forensic Science. He is also qualified to inspect hybrid and electric vehicles. As a Certified Automotive Trainer (CAE), and holding training and assessing qualifications, Craig leads the delivery of TRL's Collision Investigation training course and has lectured at various Universities and industry events. He is also a competency assessor for Forensic Collision Investigators in the UK.

Craig is an experienced expert witness and has prepared written expert reconstruction reports for the Court and compiled Joint Expert Statements. In addition, Craig has given evidence across the judiciary including Criminal, Civil, Coroner's courts, and Public Inquiries.



CRAIG ARNOLD

MSc MCSFS FIMI AAE CAT





TRL Expertise

TRL (formerly the Transport Research Laboratory) is a social purpose enterprise. For the last 20 years, TRL has been providing pro-active advice to organisations with a global footprint on their occupational road safety policy, assisting them to improve the standard of care under their work-related road safety obligations. Much of this advice, based on original research, has been adopted by governments in country-specific legislation to do with speed, vehicle modifications, and the impairment to drivers experienced through distractions like use of a mobile phone while driving and how it relates to the root cause of crashes.

TRL is leading the Driver2020 £2 million project for the UK Department for Transport researching educational, technological and training interventions for improving novice driver behaviour, and reducing novice driver collision rates, via real-world Randomised Controlled Trials. We are also evaluating and re-developing educational behaviour change programs for traffic offenders through the National Driver Offender Retraining Scheme (NDORS).

We have supported many countries overseas with driver safety campaigns and have a good understanding of international differences in relevant policy and regulation.

Our Collision Investigation consultants provide expert witness and forensic analysis of fatal collisions involving work related driving for all types of vehicles, and in many different countries.

UNHCR | UK
The UN Refugee Agency

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Road Safety

TRL currently supports UNHCR which has an assorted fleet of over 10,000 HGVs, LCVs, and motorcycles, as well as many specialist vehicles in regular use.

UNHCR staff drive thousands of miles a year, often in remote and inhospitable areas.

Road crashes constitute a major threat to the health and safety of UNHCR personnel, and their partners, Persons of Concern, and the local communities in which they operate. Plus, having vehicles out of action or personnel incapacitated by injury immediately reduces the agency's capacity to fulfil its mission.

With TRL, the UNHCR has established a formal process to respond to collisions. This includes investigating the scene of the event, and providing a root cause analysis for every collision. This quickly reveals trends. The identification of patterns will support developing action plans and interventions to make using UNHCR vehicles safer for everyone on the road.

Practical information

Next course:
24–25 April 2023

Cost per person
£625 + VAT

The course is over two days and will be delivered at TRL's offices in Wokingham.

This course qualifies for collision investigation CPD accredited hours for professional development records.

To book a place, please call us on 01344 770892

or email investigations@trl.co.uk

To tailor this course specifically for your organisation please contact us.

