Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

DEVELOPMENT

Training Course on Road Safety Auditor Team Leader Certification

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

DURATION
10 Days Practical Hands-on

DELIVERY MODES
In-Person Class & Live Virtual

CERTIFICATION
Accredited Certificate of Completion

INTAKES / DATES
Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 21, 2026

Academic & Professional Training Year: 2026

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Training Course on Road Safety Auditor Team Leader Certification

Development • 10 Days Intensive • Accredited Certification

Course Overview

Training Course on Road Safety Auditor Team Leader Certification is meticulously designed to equip experienced auditors and safety professionals with the leadership competencies, advanced technical knowledge, and strategic insights required to effectively manage audit teams, identify critical infrastructure safety risks, and drive meaningful collision reduction measures

Key Skills & Software Tools Covered

Road Safety • Auditing • Risk Management • Compliance

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
5 Jan 2026 – 16 Jan 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
5 Jan 2026 – 16 Jan 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Cape Town	Classroom / 10d	**$9,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Addis Ababa	Classroom / 10d	**$6,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Singapore	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Istanbul	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Bangkok	Classroom / 10d	**$10,000 USD / KES 110,000**
5 Jan 2026 – 16 Jan 2026	Accra	Classroom / 10d	**$8,000 USD / KES 110,000**
19 Jan 2026 – 30 Jan 2026	Nairobi	Classroom / 10d	**$3,000 USD / KES 220,000**
19 Jan 2026 – 30 Jan 2026	Kigali	Classroom / 10d	**$6,000 USD / KES 110,000**
19 Jan 2026 – 30 Jan 2026	Dubai	Classroom / 10d	**$10,000 USD / KES 110,000**

* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Training Course on Road Safety Auditor Team Leader Certification

Introduction

Elevate your expertise and lead the charge in creating safer road environments with the advanced Road Safety Auditor Team Leader Certification. As global initiatives like the Safe System Approach and Vision Zero gain momentum, the demand for highly skilled professionals capable of leading comprehensive Road Safety Audits (RSAs) is paramount. This intensive training program is meticulously designed to equip experienced auditors and safety professionals with the leadership competencies, advanced technical knowledge, and strategic insights required to effectively manage audit teams, identify critical infrastructure safety risks, and drive meaningful collision reduction measures. Mastering the Team Leader role involves not just technical proficiency but also exceptional communication, management, and decision-making skills to ensure audit findings translate into tangible safety improvements for all road users, particularly vulnerable road users.

This certification focuses on the practical application of advanced RSA techniques across all project stages, from planning and design to construction and operation of existing roads. Participants will delve into complex risk assessment methodologies, learn to navigate challenging stakeholder dynamics, and understand the legal and ethical responsibilities inherent in the Team Leader position. By successfully completing this course, you will gain the confidence and credentials to lead independent audit teams, ensure compliance with international road safety standards, and contribute significantly to preventing fatalities and serious injuries on our road networks, ultimately fostering a culture of proactive safety.

Course Duration

10 days

Course Objectives

Upon successful completion of this course, participants will be able to:

- Master the core principles and advanced methodologies of Road Safety Audits (RSA).
- Demonstrate comprehensive understanding and application of the Safe System Approach in audits.
- Integrate Vision Zero principles into the RSA process and recommendations.
- Lead and manage multidisciplinary RSA teams effectively, ensuring independence and objectivity.
- Conduct complex risk assessments and prioritize safety issues based on potential severity.
- Apply human factors principles to identify design-induced error potential.
- Proficiently audit various road project stages: planning, design, work zones, pre-opening, and existing roads.
- Utilize advanced data analysis techniques and safety forecasting tools for audits.
- Develop and present clear, concise, and actionable RSA reports for decision-makers.
- Navigate the legal and ethical frameworks governing RSAs and Team Leader responsibilities.
- Evaluate the safety implications of emerging transportation technologies (ITS, ADAS).
- Champion the needs of vulnerable road users (pedestrians, cyclists, motorcyclists) within audits.
- Implement strategies for effective stakeholder engagement and communication throughout the audit process.

Organizational Benefits

- Directly contributes to lower fatality and serious injury rates through proactive hazard identification.
- Demonstrates due diligence in safety assurance, potentially reducing legal liabilities.
- Identifies and mitigates safety flaws early in the design process, avoiding expensive post-construction modifications.
- Showcases commitment to public safety and responsible infrastructure development.
- Ensures adherence to national and international road safety standards and best practices.
- Safer designs often lead to smoother traffic flow and reduced congestion related to incidents.

Target Participants

- Experienced Road Safety Auditors seeking leadership roles.
- Senior Traffic Engineers and Transportation Engineers.
- Highway Design Project Managers and Engineers.
- Government Road Agency Safety Officers and Managers.
- Transportation Planners involved in scheme development.
- Senior Construction Project Managers overseeing roadworks.
- Private Sector Road Safety Consultants.
- Academics and Researchers in road safety/transportation engineering.

Course Outline

Module 1: Foundations of RSA & Team Leadership

- Evolution and purpose of Road Safety Audits.
- Distinguishing RSA from other safety reviews.
- Core principles of effective RSA practice.
- The unique role and responsibilities of the Team Leader.
- Essential leadership and communication skills.

Module 2: The Safe System Approach & Vision Zero

- Understanding the Safe System pillars (Safe Roads, Speeds, Vehicles, Users, Post-Crash Care).
- Principles of human fallibility and tolerance.
- Applying Safe System thinking within the RSA process.
- Vision Zero philosophy and its strategic implications.
- Linking RSA recommendations to Safe System outcomes.

Module 3: Legal Frameworks, Standards & Ethics

- Overview of relevant national/international legislation.

- Key RSA standards and guidelines (e.g., FHWA, Austroads, TII).
- Legal liability and duty of care for auditors and Team Leaders.
- Maintaining independence and objectivity.
- Ethical considerations and conflict of interest management.

Module 4: Human Factors in Road Safety Auditing

- Understanding driver/road user behaviour and limitations.
- Perception, cognition, and decision-making in driving.
- Identifying design elements that may induce errors.
- Positive Guidance principles in road design.
- Auditing for human factors integration.

Module 5: The RSA Process & Stages: An Overview

- Systematic steps in conducting an RSA.
- Defining the scope and objectives of an audit.
- Key differences between audit stages (Feasibility to Existing Roads).
- Information requirements for each stage.
- The importance of the formal audit brief and response.

Module 6: Planning & Feasibility Stage RSA

- Auditing route selection and concept designs.
- Identifying major safety considerations early.
- Assessing impacts on different road user groups.
- Considering land use and network interactions.
- Reporting findings at the strategic level.

Module 7: Design Stage (Preliminary & Detailed) RSA

- Auditing geometric design elements (alignment, cross-section).
- Assessing intersection layout and control safety.
- Reviewing provisions for pedestrians and cyclists.
- Evaluating signage, markings, and lighting plans.
- Identifying potential safety hazards in detailed drawings.

Module 8: Work Zone & Pre-Opening RSA

- Auditing Traffic Management/Control Plans for safety.
- Assessing safety during construction phases.
- Conducting site inspections before road opening.
- Verifying implementation of design safety features.
- Identifying any residual risks before public use.

Module 9: Auditing Existing Roads & Networks

- Methodologies for auditing operational roads.
- Using crash data to inform existing road audits.
- Identifying patterns and specific hazardous locations.
- Assessing operational characteristics and safety performance.
- Developing remedial measure recommendations.

Module 10: Data Collection & Analysis Techniques

- Essential data types for RSA (crash, traffic, geometric, operational).
- Effective site visit techniques (day/night, various conditions).
- Utilizing checklists and structured observation methods.
- Introduction to safety analysis tools and software.
- Interpreting data to identify safety issues.

Module 11: Risk Assessment & Prioritization

- Qualitative and quantitative risk assessment methods.
- Developing and using risk matrices (Likelihood vs. Severity).
- Prioritizing identified safety issues effectively.
- Considering cost-benefit aspects of recommendations.
- Justifying the severity rating of findings.

Module 12: Vulnerable Road User (VRU) Safety Audits

- Specific considerations for pedestrians, cyclists, motorcyclists.
- Auditing facilities: footpaths, crossings, cycle lanes.
- Assessing VRU safety at intersections and mid-block.
- Understanding interaction risks between VRUs and vehicles.
- Incorporating accessibility standards (e.g., ADA).

Module 13: Technology & Future Trends in RSA

- Impact of Intelligent Transportation Systems (ITS) on safety.
- Considerations for Automated Driver Assistance Systems (ADAS).
- Potential challenges and opportunities with autonomous vehicles.
- Using new technologies (drones, AI) in the audit process.
- Staying updated on evolving safety technologies.

Module 14: Audit Reporting & Communication Skills

- Structure and content of a formal RSA report.
- Writing clear, concise, and evidence-based findings.
- Developing practical and justifiable recommendations.
- Presenting audit findings effectively to stakeholders.
- Techniques for managing feedback and disagreement.

Module 15: Team Management & Stakeholder Engagement

- Selecting and briefing the audit team.
- Facilitating effective team discussions and decision-making.
- Managing audit timelines and resources.
- Identifying and engaging key stakeholders (designers, owners, public).
- Conducting productive audit meetings (kick-off, debrief).

Training Methodology

This course employs a blended learning approach combining:

- Expert-Led Instruction: Live sessions (online or in-person) delivered by certified RSA professionals.
- Interactive Workshops: Collaborative exercises and group discussions to analyze scenarios.
- Case Study Analysis: In-depth review of real-world RSA projects and reports.
- Practical Exercises: Application of audit techniques and report writing.
- Site Visit Simulation/Analysis: Virtual or guided analysis of road environments (where feasible).
- E-Learning Modules: Supplementary online materials for self-paced learning.
- Knowledge Assessments: Quizzes and a final examination to verify understanding.
- Team Leader Simulation: Role-playing exercises focused on management and communication.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/training-course-on-road-safety-auditor-team-leader-certification to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.