BB | BLACKBIRD
FOR TRAINING

Traffic Management and Road Safety

Paris (France)

27 January - 7 February 2025

UK Traininig
PARTNER

Traffic Management and Road Safety

Introduction

Effective traffic management and robust road safety measures are foundational for modern urban planning. They are essential to reducing accidents, ensuring smooth traffic flow, and safeguarding all road users. This course delves into advanced strategies, technologies, and best practices in traffic management and road safety audit, offering participants the tools to design and implement efficient systems and measures. Through an integrated approach, the course focuses on combining traditional methodologies with cutting-edge technologies to address contemporary challenges in traffic and safety management.

Course Objectives

- Understand the principles and significance of traffic management and road safety audit.
- Explore the benefits of road safety audits and their role in identifying risks.
- Develop and execute effective traffic management plans.
- Evaluate and enhance road safety rules and engineering measures.
- Utilize data analytics and simulation tools for traffic optimization and risk mitigation.
- Integrate smart technologies into traffic systems for improved efficiency and safety.
- Address challenges in road traffic safety equipment, accident prevention, and user behavior.
- Assess the socio-economic and environmental impacts of traffic management strategies and safety initiatives.

Course Outlines

Day 1: Introduction to Traffic Management and Road Safety

- Overview of traffic management planning and road safety audit meaning.
- Historical evolution of traffic management and safety concepts.
- Key stakeholders and their roles in national road safety strategy and policies.

Day 2: Traffic Flow Theory and Management

- Fundamentals of traffic flow and congestion dynamics.
- Simulation and modeling techniques for optimizing flow.
- Strategies for implementing effective traffic management plans.

Day 3: Road Safety Fundamentals

- Basic road safety rules and accident risk factors.
- The role of road safety audits in accident prevention.
- Practical road safety tips and strategies for public engagement.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Day 4: Traffic Control Devices and Systems

- Importance of road traffic safety equipment and signage.
- Advanced technologies like intelligent transportation systems ITS.
- Integration of modern road safety products for improved control.

Day 5: Data Analytics and Simulation in Traffic Management

- Collecting and analyzing data for traffic management planning.
- Using predictive analytics for public safety road tests and congestion forecasting.
- Application of simulation tools for traffic incident management training.

Day 6: Smart Technologies in Traffic Management

- Emerging innovations such as autonomous and connected vehicles.
- Leveraging IoT and big data for road safety services.
- Smart city initiatives and their impact on traffic management.

Day 7: Road Design and Safety Engineering

- Principles of designing roads for safety and efficiency.
- Engineering solutions for common safety challenges.
- Case studies showcasing the benefits of road safety audit in infrastructure design.

Day 8: Traffic Incident Management

- Best practices for managing traffic incidents and emergencies.
- Coordination of response plans to minimize disruption.
- Tools for evaluating the impact of incidents on flow and safety and road performance.

Day 9: Policy, Regulation, and Enforcement

- Overview of road safety audit definition and its application in policymaking.
- Role of enforcement agencies in ensuring compliance with road safety rules.
- Case studies of successful policy interventions under national road safety strategies.

Day 10: Integrated Traffic Management and Safety Planning

- Developing a cohesive traffic management plan.
- Evaluating the effectiveness of strategies using real-world metrics.
- Group project presentations, focusing on designing creative road safety posters and plans for improved public awareness.

Conclusion

This course equips participants with advanced knowledge and practical skills in traffic management and road safety audits, preparing them to tackle complex urban challenges. From understanding the road safety audit course framework to leveraging smart technologies, participants will be ready to design sustainable systems that prioritize efficiency, safety, and environmental responsibility. Upon completion, attendees will gain a certification in traffic and

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

road safety, enhancing their careers and contributing to safer, more efficient communities.

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Cities

Europe

Malaga (Spain)	Sarajevo (Bosnia and Herzegovina)	Cascais (Portugal)	Glasgow (Scotland)	Edinburgh (UK)	Oslo (Norway)
Annecy (France)	Bordeax (France)	Copenhagen (Denmark)	Birmingham (UK)	Lyon (France)	Moscow (Russia)
Stockholm (Sweden) (Netherlands)	Podgorica (Montenegro)	Batumi (Georgia)	London (UK)	Istanbul (Turkey)	Amsterdam
Düsseldorf (Germany)	Paris (France)	Barcelona (Spain)	Munich (Germany)	Geneva (Switzerland)	Prague (Czech)
Vienna (Austria)	Rome (Italy)	Brussels (Belgium)	Madrid (Spain)	Berlin (Germany)	Lisbon (Portugal)
Zurich (Switzerland)	Manchester (UK)	Milan (Italy)			

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Cities

USA & Canada

Los Angeles (USA)

Orlando, Florida (USA)

Online

Phoenix, Arizona (USA)

Houston, Texas (USA)

Boston, MA (USA)

Washington (USA)

Miami, Florida (USA)

New York City (USA)

Seattle, Washington (USA)

Washington DC (USA)

In House

Jersey,New Jersey (USA)

Toronto (Canada)

Africa

Baku (Azerbaijan) (Thailand)

Maldives (Maldives)

Doha (Qatar)

Manila (Philippines)

Bali (Indonesia)

Bangkok

Beijing (China)

Singapore (Singapore)

Sydney (Australia)

Tokyo (Japan)

Jeddah(KSA)

Riyadh(KSA)

Dubai (UAE)

Kuala Lumpur (Malaysia)

Kuwait City (Kuwait)

Pulau Ujong (Singapore)

Jakarta (Indonesia)

Amman (Jordan)

Beirut (Lebanon)

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

UK Traininig
PARTNER

Blackbird Training Cities

Asia

Kigali (Rwanda)

Cape Town (South Africa)

Accra (Ghana)

Lagos (Nigeria)

Marrakesh (Morocco)

Nairobi (Kenya)

Zanzibar (Tanzania)

Tangier (Morocco)

Cairo (Egypt)

Sharm El-Sheikh (Egypt)

Casablanca (Morocco)

Tunis (Tunisia)

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com

Blackbird Training Clients

MANNAI CORPORATION
MANNAI Trading Company WLL, **Qatar**

GAC UNE FILIALE D'EGA
Alumina Corporation **Guinea**

Booking.com
Booking.com **Netherlands**

OXFAM
Oxfam GB International Organization, **Yemen**

Capital Markets Authority
Capital Markets Authority, **Kuwait**

WS
Waltersmith Petroman Oil Limited **Nigeria**

QNB
Qatar National Bank (QNB), **Qatar**

Qatar Foundation
Qatar Foundation, **Qatar**

AFRICAN UNION ADVISORY BOARD ON CORRUPTION, **Tanzania**

KFAS
Kuwait Foundation for the Advancement of Sciences
KFAS **Kuwait**

Reserve Bank of Malawi, **Malawi**

Central Bank of Nigeria **Nigeria**

Ministry of Interior Kingdom of Saudi Arabia
Ministry of Interior, **KSA**

Mabruk Oil Operations
Mabruk Oil Company **Libya**

Saudi Electricity Company
Saudi Electricity Company, **KSA**

BPKH Badan Pengelola Keuangan Haji
BADAN PENGELOLA KEUANGAN Haji, **Indonesia**

NATO **Italy**

eni
ENI CORPORATE UNIVERSITY, **Italy**

GULF BANK
Gulf Bank **Kuwait**

General Organization for Social Insurance
General Organization for Social Insurance **KSA**

Defence Space Administraion **Nigeria**

National Industries Group (Holding), **Kuwait**

Hamad Medical Corporation
Hamad Medical Corporation, **Qatar**

USAID
USAID **Pakistan**

STC
STC Solutions, **KSA**

North Oil Company
North Oil company,

EKEDC EKO ELECTRICITY DISTRIBUTION COMPANY
EKO Electricity

oman BROADBAND
Oman Broadband

UNITED NATIONS
UN.

AUTHORITY FOR ELECTRICITY REGULATOR, OMAN
Authority for

UK Trainiig **PARTNER**

Blackbird Training Categories

Management & Admin

Professional Skills

Finance, Accounting, Budgeting

Media & Public Relations

Project Management

Human Resources

Audit & Quality Assurance

Marketing, Sales, Customer Service

Secretary & Admin

Supply Chain & Logistics

Management & Leadership

Agile and Elevation

Technical Courses

Hospital Management

Public Sector

Special Workshops

Oil & Gas Engineering

Telecom Engineering

IT & IT Engineering

Health & Safety

Law and Contract Management

Customs & Safety

Aviation

C-Suite Training

International House 185 Tower Bridge Road London SE1 2UF United Kingdom

+44 7401 1773 35
+44 7480 775526

Sales@blackbird-training.com

www.blackbird-training.com

UK Trainig
PARTNER

Head Office: +44 7480 775 526
Email: Sales@blackbird-training.com
Website: www.blackbird-training.com