



SECURITY MANAGEMENT | SM-009

Traffic Management and Road Safety Operations

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Course content

Why Attend

Traffic management affects safety, congestion, emissions and economic activity in cities, at events, construction sites and industrial facilities. Effective traffic management combines engineering, technology, enforcement and communication.

This Aractech course covers traffic flow principles, traffic management plans, signal control and intelligent transport systems, road safety engineering, temporary traffic management at worksites and events, enforcement, incident management and performance measurement. Participants prepare a traffic management plan.

Course Methodology

- Technical presentations
- Traffic plan workshop
- Case studies
- Group discussions
- Simulation exercises

Course Objectives

- Explain traffic flow and road safety principles
- Develop traffic management plans
- Understand signal control and intelligent transport systems
- Plan temporary traffic management for worksites and events
- Manage traffic incidents and enforcement
- Measure traffic and safety performance

Course content

Target Audience

- Traffic and transport officials
- Police and traffic enforcement staff
- Municipal engineers
- Event and site traffic managers

Course outline

Detailed course outline

Day-by-day outline for Traffic Management and Road Safety Operations.

Day 1 - Traffic Management Fundamentals

- 09:00-09:45 | Traffic flow
- 09:45-10:30 | Capacity
- 10:30-11:00 | Road user behaviour
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Road user behaviour (continued)
- 11:45-12:30 | Legal framework
- 12:30-14:00 | Exercise: Traffic problem analysis

Day 2 - Traffic Management Plans

- 09:00-09:45 | Plan structure
- 09:45-10:30 | Signage and markings
- 10:30-11:00 | Diversions
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Diversions (continued)
- 11:45-12:30 | Pedestrians and cyclists
- 12:30-14:00 | Workshop: Traffic plan

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Day 3 - Technology and Signals

- 09:00-09:45 | Signal control
- 09:45-10:30 | Intelligent transport systems
- 10:30-11:00 | Cameras and sensors
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Cameras and sensors (continued)
- 11:45-12:30 | Control centres
- 12:30-14:00 | Case study: Smart traffic system

Day 4 - Road Safety and Worksites

- 09:00-09:45 | Road safety engineering
- 09:45-10:30 | Temporary traffic management
- 10:30-11:00 | Event traffic
- 11:00-11:30 | Coffee break
- 11:30-11:45 | Event traffic (continued)
- 11:45-12:30 | Enforcement
- 12:30-14:00 | Exercise: Worksite layout

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Day 5 - Incidents and Performance

- 09:00-09:54 | Incident management
- 09:54-10:48 | Emergency access
- 10:48-11:00 | Performance indicators
- 11:00-11:30 | Coffee break
- 11:30-12:12 | Performance indicators (continued)
- 12:12-13:06 | Communication
- 13:06-14:00 | Capstone: Integrated traffic plan

Seminar dates

Available seminar dates

Live dates and pricing for Traffic Management and Road Safety Operations generated from the course details page.

Date	Location	Format	Fee
2 - 6 November 2026	Vienna	Classroom	€3,225
9 - 13 November 2026	Barcelona	Classroom	€2,815
14 - 18 December 2026	Paris	Classroom	€3,825
21 - 25 December 2026	Barcelona	Classroom	€2,815
18 - 22 January 2027	London	Classroom	€2,315
15 - 19 February 2027	Frankfurt	Classroom	€1,875
15 - 19 March 2027	Geneva	Classroom	€4,315
19 - 23 April 2027	Istanbul	Classroom	€1,978
17 - 21 May 2027	Vienna	Classroom	€3,225
21 - 25 June 2027	Barcelona	Classroom	€2,815

Seminar dates

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Date	Location	Format	Fee
19 - 23 July 2027	Cape Town	Classroom	€1,625
16 - 20 August 2027	Geneva	Classroom	€4,315
20 - 24 September 2027	Rome	Classroom	€3,460
18 - 22 October 2027	Cape Town	Classroom	€1,625
15 - 19 November 2027	Dubai	Classroom	€1,845
20 - 24 December 2027	London	Classroom	€2,315
2 - 6 November 2026	Online / Live	Online / Live	€1,815
9 - 13 November 2026	Online / Live	Online / Live	€1,815
14 - 18 December 2026	Online / Live	Online / Live	€1,815
21 - 25 December 2026	Online / Live	Online / Live	€1,815

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18 - 22 January 2027	Online / Live	Online / Live	€1,815
15 - 19 February 2027	Online / Live	Online / Live	€1,815
15 - 19 March 2027	Online / Live	Online / Live	€1,815
19 - 23 April 2027	Online / Live	Online / Live	€1,815
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