

PROFESSIONAL TRAINING

RSTA in association with XAIS



ASSET MANAGEMENT

INTEGRATED ASSET MANAGEMENT COURSE

ABOUT THE COURSE

This two-day asset management course is designed to meet the needs of asset management practitioners, and engineers/technicians responsible for the maintenance and management of highway infrastructure assets.

The course provides an overview of the asset management process before looking at the components that make up good asset management practice, an understanding of the aims of the component, and how those components deliver value for money, and works programmes in practice.

Day One looks at the organisation, how it embraces asset management and risk, the management of service levels through a performance framework, a more granulated and risk-based approach to the roles of its assets and asset inventory, effective condition assessment, data collection and management.

Day Two opens with a look at the role of asset management in reducing carbon through the application of optimised life cycle plans and condition projection

scenarios to determine future forward works programmes and their funding requirements. It then considers how works can be effectively prioritised to deliver the most effective maintenance, and how asset valuation and deterioration modelling can support effective investment programmes.

Day Two will also include an overview of developments in delivering surface treatments that support low carbon and the use of sustainable materials.

The course is aimed at understanding the process, the data required to deliver effective asset management and the application of that data to deliver optimised forward plans of works for the next 5-year AMP period, and an understanding of the demands likely to be placed on budgets and resources over the next 10 to 15 years.

BESPOKE COURSE HOSTED AT YOUR PREMISES



Competency and CPD certificates will be made available to attendees

In addition to learning about asset management of the road network attendees will be provided with information about the RSTA highway sectors and the free to download Codes of Practice and other Guidance Documents available from the RSTA website, to provide them with the information they need to be an informed client.



For further information please contact the RSTA at:

e enquiries@rsta-uk.org

t 01902 824325

Visit the RSTA online at:

rsta-uk.org

Course overview

DAY 1

9.00 | Introduction

SESSION 1

9.15 | What is Asset Management?

9.45 | Leadership and the Organisation

10.15 | Policy and Strategy

10.45 | BREAK

SESSION 2

11.00 | Maintenance Hierarchies

12.00 | Service Levels and Performance Management

12:45 | LUNCH

SESSION 3

13:30 | Managing Risk

14.30 | Data and Data Management
(includes refreshment break)

SESSION 4

16.00 | Carbon & Asset Management

17.00 | Summary & Close

DAY 2

9.00 | Worked Example 1

SESSION 1

9.45 | Lifecycle Planning, Deterioration Modelling & Forward Plans - 1

10.30 | BREAK

SESSION 2

10.45 | Lifecycle Planning, Deterioration Modelling & Forward Plans – 2

11.30 | Lifecycle Planning, Deterioration Modelling & Forward Plans – 3

11.45 | Scheme Selection, Value Management & Whole Life Costing – Taking a Look at Lifecycles of Other Assets

12.30 | Worked Example 1

12.45 | LUNCH

SESSION 3

13.30 | Asset valuation

14.00 | Lifecycle Treatments, Road Surfaces and Other Assets.
Carbon and Sustainability (includes refreshment break)

SESSION 4

16.00 | Course Test

