



**WOODHOUSE**  
ASSET MANAGEMENT ACADEMY



## Asset Management Training

This deep-dive course provides intensive coverage of the principles, practices and application of Asset Management for those seeking the IAM Diploma qualification in Asset Management. The curriculum covers all the required modules of the Diploma and is also aligned with asset management standards (PAS 55, ISO 55000) and the GFMAM Asset Management 'Landscape', with a view to preparing students to sit the IAM Diploma in Asset Management examination.

The course covers the 12 modules of the IAM Diploma in Asset Management qualification and allows for participants to commence from Module 1 or for those that have studied for the Certificate and feel confident in their retained knowledge of those modules to start at Module 7 (The IAM Diploma conversion course):

- Module 1** The Principles of Asset Management
- Module 2** Asset Management Policy, Strategy and Planning
- Module 3** Managing Asset Life Cycle Decisions and Activities
- Module 4** Assessing and Managing Asset Management Risks
- Module 5** The Financial and Business Impact of Asset Management

**DELIVERED  
THROUGH**

- eLearning
- Virtual Classroom
- Classroom

**IAM Diploma Conversion course modules:**

- Module 6** The Practices of Asset Management
- Module 7** Asset Management Information & Knowledge
- Module 8** Sustainable Asset Care & Performance Management
- Module 9** Managing Change in Asset Management Systems & Capabilities
- Module 10** Contractor & Supplier Management
- Module 11** Demand Forecasting & Capital Expenditure Planning
- Module 12** Methods for Realising Whole Live Value from Assets

This course provides the educational content and practical application insights that enable students to meet these requirements and add value in their respective workplaces. The course is delivered through 26 x 2 hour of intensive and interactive virtual classroom teaching via webinar, including reinforcing exercises and tests, supported by directed reading.

The course is aligned to PAS 55 and ISO 55000 to the IAM's competency framework, with a view to preparing students to pass the IAM Diploma in Asset Management examination. It is suited to experienced practitioners with industrial or infrastructure asset management responsibilities, who can relate concepts to their work environment.



## Module 1: Principles of Asset Management

**Session 1**

- Introduction
- The discipline of Asset Management (scope, definitions & concepts)
- What is 'good' AM? - 7 distinctive attributes
- Asset (life cycle) management processes
- Value in, and from, asset management

**Session 2**

- Alignment ('line of sight'), policy, strategy & planning (intro)
- Leadership, assurance & management systems
- Asset management standards (PAS 55 & ISO 55000)
- Asset life cycle decision-making (intro)

**Session 3**

- Risk Management
- Information Management- Introduction
- People and Contractor Management

**Session 4**

- Contractors and Supplier Management
- Organisation Maturity Journey and Business Impact

## Module 2: Asset Management Policy, Strategy & Planning

**Session 5**

- Introduction
- Alignment or 'Line of Sight' and Policy requirements
- Developing AM Policy, key contents
- Strategic Requirements

**Session 6**

- Planning and implementation of AM Strategy
- Develop and communicate AM Plans

## Module 3: Managing Lifecycle Decisions & Activities

**Session 7**

- Life Cycle Costing and Asset Life Cycle Decision Making
- Creation and acquisition of assets Parts 1 & 2

**Session 8**

- Controlling Operations
- Renewal, rationalization, disposal

## Module 4: Assessing & Managing Asset Management Risks

### Session 9

- Introduction
- Assessment and management of risk

### Session 10

- Contingency Planning
- Asset management review and audit

## Module 5: Financial & Business Impact of Asset Management

### Session 11

- Introduction
- Strategic Requirements
- Investment decision-making

### Session 12

- Asset management planning
- Creation and acquisition of assets: the business case

## IAM Diploma Conversion Modules

## Module 6: Practice of Asset Management

Project work hand out (see module 25 and 26 also)

## Module 7: Asset Management Information & Knowledge

### Session 13

- Asset Information Policy and Strategy
- Defining Asset Information Requirements

### Session 14

- Specifying, selecting and Integrating asset management information and knowledge systems
- Making appropriate asset management information available for decision-making

## Module 8: Sustainable Asset Care & Performance

### Session 15

- Sustainability
- Maintaining Assets
- Balancing the need for and rationalising assets
- Renewal and disposal of assets

### Session 16

- Monitor and review progress and performance

### Session 17

- Failure Analysis and responses
- Assure the quality of asset management processes
- Compliance with legal, regulatory, ethical and social requirements

## Module 9: Managing Change in Asset Management Systems & Capabilities

### Session 18

- Designing and managing organisational change

### Session 19

- Shaping the asset management culture

## Module 10: Contractor & Supplier Management

### Session 20

- Development, use and management of contractors and suppliers

### Session 21

- Assuring the quality of asset management products or processes

## Module 11: Demand Forecasting & Capital Expenditure Planning

### Session 22

- Forecasting and analysing future user requirements and demands

### Session 23

- Appraising investment options

## Module 12: Methods for Realising Whole Life Value from Assets

### Session 24

- Whole life value from assets
- Application of Whole Life Costing Principles

## Practice of Asset Management (Conclusion of module 6)

### Session 25 & 26

Applying Asset Management through Project Work and Scenario based questions and discussions

## Delivery

The Woodhouse Academy IAM diploma course is available via:

### 'Virtual Classroom'

With a schedule flexible to your requirements.

Full Diploma 26 x 2-hour virtual classroom teaching via webinar over a 9 day period (or equivalent hours over different period and schedule).

Or, for those that have recently studied for and completed the IAM Certificate

Conversion Diploma 14x 2-hour virtual classroom teaching via webinar over a 5 day period (or equivalent hours over different period and schedule).

- The course includes exercises throughout and all sessions conclude with short group knowledge quiz and all modules conclude with a wrap up, progress check and module test
- Final on-line IAM examination test registered and booked separately

### Classroom courses

Individuals can enrol for our 9 day Full Diploma or 5 day Conversion Diploma public courses where available or organizations can benefit from our extensive service in customizing courses and developing bespoke materials for multiple participants. IAM Examination test can be held at the end of the course.

## Learning outcomes

At the end of this course the participant will be able to:

- 1 Contribute to the development and implementation of AM policy, strategy, objectives and plans.
- 2 Participate in asset-related risk identification, analysis and management processes and contingency planning.
- 3 Understand the asset life cycle, value realisation and the role of appropriate tools to optimize the performance, risk and cost of assets.
- 4 Understand requirements for managing the implementation of asset management plans.
- 5 Identify the information and performance measures needed for effective asset management, and evaluate the effectiveness of asset information systems.
- 6 Understand the financial implications of asset and asset management decisions for the organisation, and translate technical issues into business implications.
- 7 Contribute more effectively to change management, continual improvement and cultural development.

## Benefits to participants

The participant will develop a business-centred appreciation of Asset Management and will be better able to influence decisions and the performance of the organisation. The course is cross-disciplinary and helps to foster effective team-working and to break down departmental silos.

The participant will be equipped to pass the IAM Diploma Examination.

## Target Participants

It is suited to experienced practitioners with industrial or infrastructure asset management responsibilities, who can relate concepts to their work environment.

Participants who will benefit from this course include experienced professionals from many functions within asset-intensive organisations, where the performance of physical assets has a significant impact on organisational performance.

### Typical job roles include:

- Engineering and technical managers
- Project managers and engineers
- Operations managers and staff
- Maintenance managers and staff
- Facilities managers
- EHS and quality managers and staff
- Finance managers
- Procurement and supply chain
- IT and HR

## Pre-requisites

The following reading list is the minimum expected for self-study in preparation for the course. It is strongly recommended that Diploma examination candidates extend their reading beyond this list and further guidance will be provided.

- ISO 55000, 55001, 55002: Overview, Management Systems Requirements and Management Systems Guidance.
- IAM Competences Framework Part 1, Version 3.0, Institute of Asset Management, Dec 2015.
- IAM Competences Framework Part 2: Guidance on using the 2012 IAM Competences Framework, Version 3.0, Institute of Asset Management, June 2014.
- Asset Management – An Anatomy, Version 3, Institute of Asset Management, July 2014.
- GFMAM Asset Management Landscape, Version 2, The Global Forum on Maintenance and Asset Management (GFMAM), March 2014