Asset Management Training

The course provides an intensive coverage of the principles and practice of Asset Management. The content is aligned to PAS 55, ISO 55000 and to the Institute of Asset Management (IAM) competency framework, with a view to preparing students to pass the IAM Certificate 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.

The course covers the 5 modules of the IAM Certificate in Asset Management qualification:

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

The integration of asset whole life cycle management, linked to the broader business vision and strategy of the organisation is stressed throughout. The course is delivered through 12x 2 hour of intensive and interactive virtual classroom teaching via webinar, including reinforcing exercises and tests, supported by directed reading.

DELIVERED THROUGH

eLearning ○
Virtual Classroom ○
Classroom ○

iAM CORPORATE MEMBER | iAM endorsed TRAINER iAM endorsed ASSESSOR

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 Certificate in Asset Management examination. The course provides a well-rounded competency development and assurance stage for those who already have practical experience, or specialist knowledge, and now seeking a more comprehensive understanding.

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 CERTIFICATE Asset Management Training

Aligned to PAS55, ISO 55000 and the IAM competency framework

Developing a business centred appreciation of Asset Management

Influence decisions that have Asset management implications

Foster effective team working and breakdown disciplinary silos

Providing well-rounded competency development

Institute of Asset Management CORPORATE MEMBER | iAM endorsed TRAINER iAM endorsed ASSESSOR

Target participants

Participants from organisations where the reliability, performance and attendant risks of fixed assets have a significant impact on business performance will benefit most from this course.

Typical job roles include:

- Engineering and technical managers
- Project managers and engineers
- Operations managers and staff
- Maintenance managers and staff
- Facilities Managers
- EHS & quality managers and staff

- Procurement and supply chain
- IT & HR
- This course is suitable for those who have 2+ years of industrial or asset-intensive work experience, and prior reading of IAM's "Asset Management; an Anatomy" (free publication from the IAM www.theIAM.org).

Delivery

The Woodhouse Academy IAM certificate course is available via:

'Virtual Classroom'

12 x 2-hour virtual classroom teaching via webinar over a 4 day period (or equivalent hours over different period and schedule).

- With a schedule flexible to your requirements the course includes exercises throughout and all sessions conclude with short group knowledge quiz and all modules conclude with a test
- Final on-line IAM examination test registered and booked separately

Classroom courses

Individuals can enroll for our 3-5 day 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.

Woodhouse eLearning portal

A 14 module self-study course providing a fast and flexible way of preparing for the IAM's Certificate exam. Additional webinars and other support options to ensure your readiness for this exam are also available. The interactive e-learning modules can be accessed on any Smart device (phone, tablet, laptop or desktop). Final on-line IAM examination test registered and booked separately.

Blended learning

A combination of learning methods which include classroom or group working, workplace assignments, interactive workshops, online learning, personal mentoring and self-paced investigation and learning. Further details available on request.

Learning outcomes

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

1. Contribute to generation 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 lifecycle and the role of appropriate tools to optimise the performance, risk and cost of assets.

4. Identify the information and performance measures needed for effective asset management, and evaluate the effectiveness of asset information systems.
5. Understand the financial implications of asset and asset management decisions for the organisation, and translate technical issues into business implications.

Further training

Successful participants may choose to go on to the IAM Diploma in Asset Management.

Recommended supportive reading includes:

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