

The asset management landscape

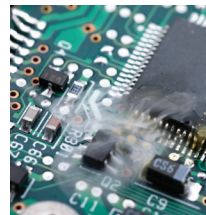
What is it all about?

Remain abreast of the latest trends with an holistic view of asset management. This course provides an overview of the discipline of asset management and a framework for understanding the various subjects covered in the GFMAM's Asset Management Landscape.

The course is based on internationally recognised documents and standards. These include the GFMAM's Asset Management Landscape and its 39 Subject, the newly released ISO 55000 standard for an asset management system, the IAM's latest version of Asset Management - An Anatomy as well as

the previously released PAS 55 specification. It also considers the competency requirements as defined by the Australian Asset Management Council, which has already been accepted by a number of GFMAM members as the basis of their endorsed asset management qualifications.

It is essential for anyone responsible for the management and maintenance of physical assets, such as infrastructure and plant, who aims to succeed in today's highly demanding environment.



What makes it different?

This training course is based on the GFMAM's 39 Subjects and is aligned to Pragma's proven AMIP methodology and framework. It aims to:

- **give you a frame of reference** of what **asset management** is about
- **give an holistic overview** of the subjects covered in the GFMAM's Asset Management Landscape
- **define why asset management is an important function** for every asset intensive organisation
- **select asset management best practices** applicable to your organisation.

Who should attend?

- The course is aimed at all asset management practitioners across the disciplines involved, including engineering projects, operations, maintenance, finance and supply chain
- It is largely aimed at the strategic and tactical levels who need to understand "the big picture" of asset management

Format

- Public training - scheduled at all major cities across Australia
- On-site training - anyplace, anywhere

Course outline

Modules covered in this one-day programme:

1. Overview of asset management

An overview of asset management as well as an introduction to the following:

- the various terms and concepts being used in the training
- the current international standards and frameworks available
- the potential benefits of good asset management.

2. Asset management strategy and planning

The process to develop the long term policy, objectives, strategy and plans to implement asset management in the organisation.

The output are plans to implement asset management and manage the portfolio of asset over their life cycles.

3. Asset life cycle management

The main activities to make decisions about new capital investments, the process to acquire or create an asset as well as the decommissioning and disposal of an asset at the end of its life are addressed. A key concept during this process is the asset's life cycle cost.

4. Reliability and maintenance optimisation

The process to develop optimal maintenance plans for the assets. This includes decisions about the best tactic to use and the optimal frequencies for these activities. These decisions should be based on detailed reliability engineering processes.

5. Maintenance and operations

The activities during the operate and maintain phases in the asset life cycle are unpacked.

This includes activities to operate assets correctly, maintenance planning and scheduling and managing shutdowns and outages effectively.

6. Resource management

The management of the resources required for all asset management activities over the full life cycle of all assets. It addresses MRO items as well as human resources, with the associated decisions on whether to provide these resources internally or externally.

7. Organisation and people

The management of people to deliver the asset management plans effectively and achieve the asset management plans.

8. Asset information

The management of the information, documentation and knowledge required for effective asset management.

9. Risk management

This module covers risk management as described in ISO 31000. It is a recurring theme in the AM Landscape, ISO 55000 and PAS 55. Risk management essentially entails the process of risk identification, analysis and treatment within a corporate risk framework.

10. Monitoring, review and improvement

The process of continual improvement as defined by the last two steps in Deming's PDCA cycle. This process establishes KPIs and systems to monitor the condition and performance of assets and the performance of the asset management system.

For more information:

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Other courses available:

- Asset Care Plan Development
- ISO 55000 Overview and Implementation
- Maintenance Planning and Scheduling

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