



## What is it all about?

Asset management is a strategic function of an organisation that ensures the highest level of physical asset performance. At the heart of this function are the asset care plans (ACPs) that must manage the inherent failure modes of the all the organisation's physical assets.

The optimum maintenance mix (OMM) methodology was developed by Pragma with the specific objective of assisting companies in developing and improving the asset care plans for their physical assets. OMM is the overall plan that consists of the optimum mixture of preventive, predictive, proactive and reactive tactics which ensure the highest overall equipment effectiveness at optimum cost. These ACPs will turn the maintenance function into your organisation's competitive advantage in gaining world class competitiveness.

## What makes it different?

Pragma's OMM utilises the powerful principles of reliability maintenance in a structured and practical format. This course aims to:

- **develop the most cost-effective ACPs** by applying the seven step OMM methodology
- **avoid the analysis paralysis trap** with criticality analysis (apply the 80/20 principle to maximise the initial benefit and then add to the system through continuous improvement according to world class principles)
- **establish world class asset management best practices** within your organisation
- **utilise root cause analysis capability** within the asset management function to improve the ACPs on an on-going basis
- **develop essential knowledge management capability** to ensure sustainable improvement.

## Who should attend?

- Senior asset and maintenance managers
- Maintenance and production engineers
- Production or operation managers
- Engineering planners
- People who want to improve the performance of their physical assets to optimise return on their capital investments

## Format

- Public training - scheduled at all major cities across Southern Africa
- On-site training - any place, anywhere



# Course outline

## Modules covered in this three day intervention:

### Asset management introduction

- An overview of modern day asset management
- Introduction to Pragma's Asset Management Improvement Programme (AMIP) business process in support of PASS-55

### Changing world of maintenance management

How asset and maintenance practices have changed over the last 60 years, and the challenges facing maintenance managers and departments going into the future.

### ACP development process

Formalising an overall risk based approach for the development and maintenance of all the asset care plans.

### Criticality analysis

- Developing a formal criticality model addressing all the appropriate business risk factors
- Applying the criticality model by performing a criticality analysis on a system, asset and component level

### Functional analysis

- Partitioning a system or asset to a usable level for analysis
- Identifying the function and performance standard of these partitioned assets or components

### Failure analysis

- Understanding how assets or components fail
- Performing formal failure analysis by completing a FMEA

### Tactic selection

Selecting the most appropriate maintenance tactic to manage the identified failures

- Condition-based maintenance
- Usage-based maintenance
- Run-to-failure
- Design improvement maintenance

### ACP detail development

Developing the detailed ACPs in support of the selected tactic

- What must be done?
- Who must do the work?
- How long will it take?
- What spares are required?
- How long will it take?
- How much will it cost?

### ACP implementation

Putting all the ACPs together in a long term work plan and evaluating the combined effect to ensure the requirements are well balanced over the year. Is it practical from an operational context and does the budget exist to perform all the tasks?

### ACP assessment

Performing a self-assessment on the practices and associated performance of your organisation's ability to develop and maintain its ACPs.

### OMM game

Put your knowledge to the test and show how well you can manage your maintenance function!

By playing the OMM game, the seven implementation steps and the importance of choosing the right tactic for each application are identified in a practical and fun way.

### For more information:

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Web: [www.pragmaworld.net](http://www.pragmaworld.net)

# Optimum Maintenance Mix

Please return your completed registration to fax: 086 666 2696 or e-mail: [academy@pragmaworld.net](mailto:academy@pragmaworld.net)  
Delegate Registration Form

Name of Course			
Date		Reference Code	
Early Bird Price		Full Price	

**Register 4 weeks prior to the starting date to receive a 5% early bird discount.**

## Delegate Details

Title					
Name					
Surname					
Job Title					
ID Number					
Email			Mobile		
Special Dietary Requirements	Halaal	Kosher	Vegetarian	Other (please specify)	

**Register 2 delegate: 5% discount; Register 3 delegates: 10% discount; Register 4 delegates: 15% discount; Register 5 delegates: 20% discount**

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I, \_\_\_\_\_, have authorisation to approve this training and have read and understand the terms and conditions

\_\_\_\_\_  
**Signature**

### Terms and Conditions

- All registrations will be deemed confirmed and subject to these terms and conditions:
- ALL PRICING EXCLUDES VAT.
- A full refund is available for cancellations received in writing at least 15 working days prior to course commencement.
- The course fee is non-refundable if less than 15 working days' notice of cancellation is given.
- Registrations received less the 15 days prior to the course can therefore not be cancelled.

PRAGMA Academy reserves the right to cancel any advertised course due to insufficient enrolments or to conditions beyond Pragma's control. Payment is required prior to the starting date of the course. Please send your payment advice to [academy@pragmaworld.net](mailto:academy@pragmaworld.net).

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