



PAS 55: 2008 aligned

University of Stellenbosch Department Industrial Engineering

in co-operation with



presents

Physical Asset Management

Dates for 2012 TBC

Physical Asset Management

What makes it different?

- This course provides an overview of the fundamental aspects of modern physical asset management.
- Asset management professionals will be introduced to the most recent internationally accepted definitions, standards and schools of thought on the subject.
- It is fully aligned with the international PAS 55:2008.
- The course is delivered at a post graduate pace and level.

Course Content

- PAS55 / ISO 55000 overview and contextualization
- PAS55 focus areas for Physical Asset Management including Strategic planning, Enablers and controls, Execution and Assessment and improvement
- Key performance areas for each PAS55 focus area
- Case studies on the latest developments in Physical Asset Management

Admission requirements

Prospective students must hold one of the following qualifications:

- B.Eng
- Hons BSc
- Applicable 4-year Bachelor's degree
- PDE
- MTech

In exceptional cases students without the appropriate qualifications may be permitted on this post graduate course. Prospective students that do not comply must contact Dr PJ Vlok for assistance with admission. A full post graduate study guide can be obtained from www.ie.sun.ac.za.

Format

The course will be taught at a post graduate level and pace.

Lecturers will enhance the study material by providing orientation, explaining the most important and most complex concepts and providing realism with industry experiences and examples. Since class time is limited, some self-study will be required.

Compulsory group assignments will be given at the end of Day 1 and 2 to assist in absorbing the day's material and also to promote discussion the next day.

Venue: Industrial Engineering Department, Mechanical Engineering Building, University of Stellenbosch Campus, Stellenbosch. A detailed map will be provided on registration."



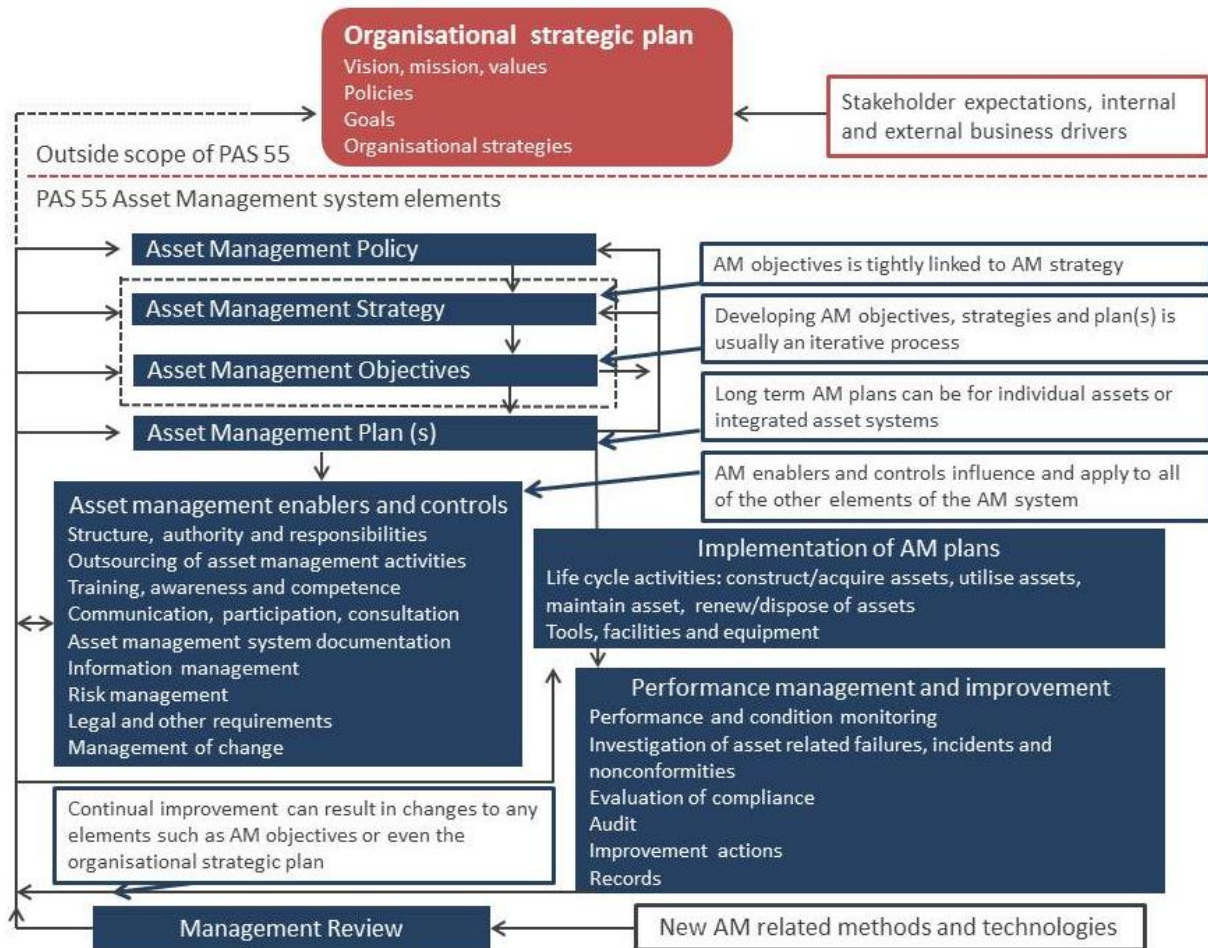
Operate at your Optimum



Course outline

Physical asset management is defined by PAS 55:2008 as systematic and co-ordinated activities and practices through which an organisation optimally manages its assets, and their associated performance, risks and expenditures over their life cycle for the purpose of achieving its organisational strategic plan.

The typical elements of an asset management system are shown in the figure below (adapted from PAS 55:2008) which acts as a framework for the course.



The elements of the asset management framework are grouped into four logical focus clusters, i.e. Strategic planning, Enablers and Controls, Execution and Assessment and Improvement. Every cluster contains various Key Performance Areas (KPAs) which should be addressed enroute to a world class asset management structure. The figure below shows the groupings and KPAs:



The course program is centered around the different KPAs and an understanding of the KPAs and their importance relative to the physical asset management framework should provide the student with a sound enough base from which knowledge can be deepened where necessary.

Course programme

“The course program is centered around the different KPAs and an understanding of the KPAs and their importance relative to the physical asset management framework should provide the student with a sound enough base from which knowledge can be deepened where necessary. More detail in the Course Programme section below.”

Day 1			Day 2		
Strategic planning, enablers and controls			Execution		
08:00	09:00	Registration and welcome	08:00	10:00	Feedback presentations and discussion on group assignments
09:00	17:00	PAS55 / ISO 55000 overview Strategy management Information management Technical information Organizational development Contractor management Financial management Risk management	10:00	17:00	Asset care plans Work planning and control Operator asset care Material management Support facilities and tools Life cycle management Project and shutdown management
17:00	17:30	Briefing on group assignment	17:00	17:30	Briefing on group assignment
Day 3			Day 4		
Assessment and improvement			Exam		
08:00	10:00	Feedback presentations and discussion on group assignments	09:00	11:00	Briefing on assignment (for students intending to earn the post graduate credits)
10:00	15:00	Life cycle management Project and shutdown management	14:00	17:00	Physical asset management exam
15:00	17:00	Revision and briefing on exam	Minor changes to the sequence in which the KPAs are presented may be implemented depending on practicalities.		

Notes

A comprehensive set of notes on the subject will be provided to each student.

Course Language

The language used for postgraduate studies, particularly in the case of coursework, is in line with the strategic framework of the University to be language-friendly. Although Afrikaans is used as the point of departure, English is used as the language of instruction. This course is therefore taught in English.

Assessment, recognition and cost

There are three levels of participation available for this course:

Level	Attendance	Exam	Assignment	Recognition	Cost (ex. VAT)
I	X			SUN Certificate of Attendance	R 12,450
II	X	X		SUN Certificate of Competence	R 13,950
III	X	X	X	*16 post graduate credits	R 14,950

* A total of 64 post graduate credits plus a thesis are typically required for an MSc Industrial Engineering at SUN. A full post graduate study guide can be obtained from www.ie.sun.ac.za.

Attendance

- Attending all three days of the course;
- Participating satisfactorily in two group assignments;
- Missing any session or part thereof will disqualify the student of earning the SUN certificate of attendance.




Exam

- Three hour written exam covering all aspects of the course;
- 70% mark required for SUN Certificate of Competence.

Assignment

- 60 hour assignment to be completed and submitted before **Insert Date** which will assess the practical understanding of the course material;
- 50% mark required for the assignment AND 50% mark for the exam to qualify for the post graduate credits.

Lecturers

		
<p>PJ Vlok, Ph.D Eng.(Indust.), M.Eng. (Mech.) Department of Industrial Engineering University of Stellenbosch Web: www.ie.sun.ac.za Tel: (021) 883 8680 Email: pjvlok@sun.ac.za</p>	<p>Grahame Fogel, MSc, C.Eng Pragma Acuity Web: www.pragmaworld.net Tel: (021) 943 3900 grahame.fogel@pragmaworld.net</p>	<p>Dean Griffin, MSc, MIAM (UK) Pragma Acuity Web: www.pragmaworld.net Tel: (021) 943 3900 Dean.griffin@pragmaworld.net</p>

Feel free to contact any of the lecturers prior to registration for more information about the course.

Registration, Costs and logistics

Please return your completed registration form to fax 0866662696 or e-mail it to academy@pragmaworld.net

Name of Course	Physical Asset Management		
Date		Reference Code	
Level (I/II/III)*		Price	

* See section on Assessment, Recognition and Cost

Delegate Details

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

* Please provide full details of highest academical qualification including the institution's name where qualification was issued

Company and Payment Details

Full Company Name					
Purchase Order					
Landline		Fax			
Billing Address					
VAT No					
Main Contact Person					
Telephone		Fax			
Email					
Payments Contact					
Telephone		Fax			
Email					

Approving Manager

Name		Surname	
Job Title		Email	

Pragma Banking Details

Bank: Nedbank **Account Name:** Pragma Africa Pty Ltd **Account Number:** 118 608 9040
Branch: Business NP **Branch Code:** 118602 **Reference:** Company Name-Course Name

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.

The University of Stellenbosch and PRAGMA reserves the right to cancel any advertised course due to insufficient enrolments or to conditions beyond our control. Payment is required prior to the starting date of the course. Please send your payment advice to academy@pragmaworld.net.

+27 11 318 0641

Fax: 086 538 0641

academy@pragmaworld.net

www.pragmaworld.net