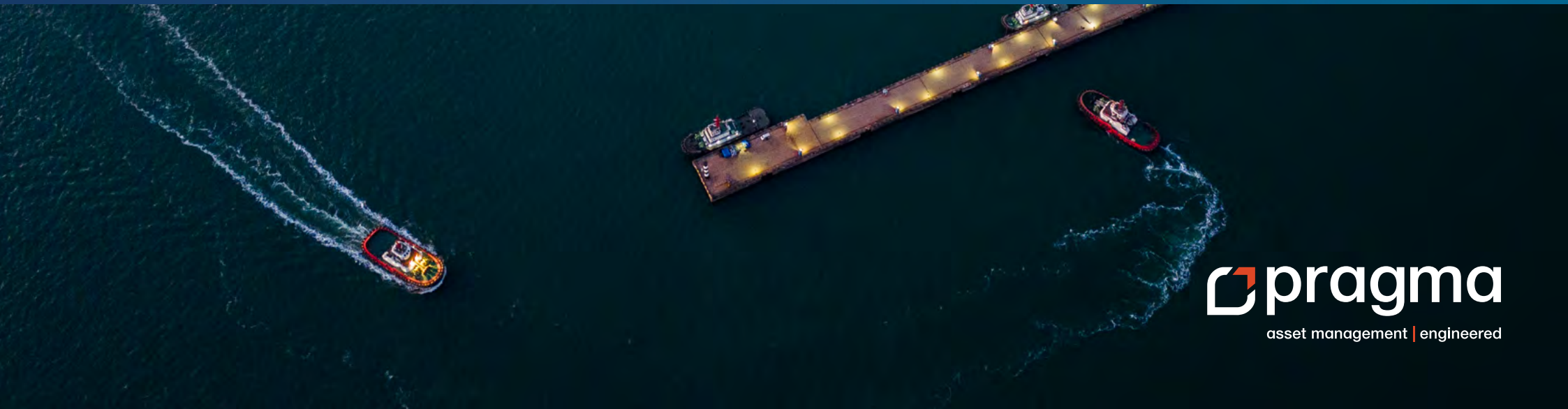
Asset Management Awareness Training

Learn fast. Lead smart. Earn CPD points.



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Asset Management Awareness Training

For professionals stepping into asset management roles, those refreshing their expertise, or anyone seeking focused learning on a specific topic, our asset management awareness training offers a clear and practical introduction to the fundamentals. These targeted modules are ideal for onboarding new team members, supporting role transitions, or strengthening core knowledge across your organisation.

Delivered as short, self-paced elearning modules, they are designed for maximum flexibility – accessible on demand, aligned to real workplace roles, and structured to build a shared understanding that enables smarter collaboration and more confident decision-making.

Complete stand-alone modules for targeted learning or follow one of our curated courses – each designed around typical role requirements and accredited for CPD points.

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Curated courses

Earn CPD points by completing these self-directed elearning courses

Training course	Overview	Self-directed elearning modules included	Total learning hours
01. **Asset Management Leadership Fundamentals**	This course offers a solid foundation in asset management principles, enabling learners to develop effective strategies, assess performance, and lead teams that promote organisational improvement. It enhances the ability to align policies with ISO 55000 standards, optimise asset performance, and cultivate a culture of continuous improvement and accountability. **Ideal roles to complete this training** Senior Management team, Technical Director, Engineering Manager, Operations Manager, Asset Manager, Maintenance Engineer	• Introduction to Asset Management • Developing an AM Policy and Strategy • Measuring and Managing Performance • People Management	**10 hours**
02. **Asset Management Leadership for a Sustainable Future**	This course equips learners with the knowledge to enhance asset management performance through effective governance, safety, sustainability, and technology integration, building the capability to manage risk, foster a proactive safety culture, and leverage innovation for long-term value. **Ideal roles to complete this training** Senior Management team, Technical Director, Engineering Manager, Operations Manager, Asset Manager, Reliability Engineer, Maintenance Engineer	• Risk Management • Safety and Health Management • Sustainable Operations • Technology and Information Management	**9.5 hours**
03. **Asset Management Reliability Fundamentals**	This course equips learners with the practical skills to improve asset reliability through effective maintenance, precision practices, and operator engagement. It builds the capability to prevent failures, enhance workmanship quality, and apply reliability engineering methods that strengthen performance, reduce downtime, and extend asset life. **Ideal roles to complete this training** Senior Management team, Technical Director, Engineering Manager, Operations Manager, Asset Manager, Reliability Engineer, Maintenance Engineer, Maintenance Planner, Maintenance Scheduler, Maintenance Foreman, Supervisor, Production Manager/Supervisor	• Tactics for Asset Reliability • Precision Maintenance • Operate for Reliability	**9.5 hours**

Curated courses

Earn CPD points by completing these self-directed elearning courses

Training course	Overview	Self-directed elearning modules included	Total learning hours
04. **Asset Management Reliability | Focused Improvement Fundamentals**	This course enables learners to measure, analyse, and enhance asset management performance through data-driven decision-making and continuous improvement. It builds the capability to apply financial analysis, evaluate business cases, and implement structured improvement frameworks that drive efficiency, value creation, and sustainable operational excellence. **Ideal roles to complete this training** Technical Director, Engineering Manager, Operations Manager, Asset Manager, Reliability Engineer, Maintenance Engineer, Maintenance Planner, Maintenance Scheduler, Maintenance Foreman, Supervisor, Production Manager/Supervisor	• Measuring and Managing Performance • Lifecycle Value Realisation • Focused Improvement	**9 hours**
05. **Asset Management Reliability | Asset Integrity Strategies and Portfolio Excellence**	This course develops the capability to plan, acquire, and manage assets for long-term performance and reliability. Learners gain the skills to integrate maintenance readiness into capital projects, uphold asset integrity through effective risk control, and optimise asset portfolios to align investment decisions with strategic objectives and sustainable value creation. **Ideal roles to complete this training** Reliability Engineer, Maintenance Engineer	• Asset Acquisition • Asset Integrity Management • Portfolio Optimisation	**8 hours**
06. **Asset Management Maintenance Work Management Fundamentals**	This course equips learners with the practical skills to manage maintenance, materials, shutdowns, and contractors effectively within an asset management framework. It builds the capability to plan and execute work efficiently, maintain accurate asset information, optimise resources, and apply performance metrics to drive continuous improvement and operational excellence. **Ideal roles to complete this training** Maintenance Engineer, Maintenance Planner, Maintenance Scheduler, Maintenance Foreman, Supervisor, Production Manager/Supervisor	• Maintenance Work Management • Asset Information • Material Management • Shutdown Management • Contractor and Contract Management	**11.5 hours**

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Asset Management Awareness Modules

View the full catalogue of AM awareness training and select your own elearning modules according to your role requirements, as shown below:

Course name	Duration (hours)	Exco / Senior Management Team	Technical Director or Engineering Manager	Operations Manager	Asset Manager	Reliability Engineer	Maintenance Engineer	Maintenance Planner/ Scheduler	Maint. Foreman/ Supervisor	Production Manager / Supervisor
An Introduction to Asset Management	3	●	●	●	●	●	●	●	●	●
An Introduction to Asset Information	2,5	●	●	●	●	●	●	●	●	●
An Overview of Developing an Asset Management Policy and Strategy	2,5	●	●	●	●					
An Introduction to Measuring and Managing Performance	2	●	●	●	●	●	●	●	●	●
An Introduction to Risk Management	3	●	●	●	●	●	●			●
An Introduction to Safety and Health Management	1,75	●	●	●	●	●	●			●
An Introduction to Tactics for Asset Reliability	4,5	●	●	●	●	●	●	●	●	●
An Introduction to Operate for Reliability	2,5	●	●	●	●	●	●	●	●	●
An Introduction to Precision Maintenance	2,5	●	●	●	●	●	●	●	●	
An Introduction to Maintenance Work Management	2,5	●	●	●	●	●	●	●	●	●
An Introduction to Material Management	2,5	●	●	●	●	●	●	●	●	
An Introduction to Shutdown Management	1,5	●	●	●	●	●	●	●	●	●
An Introduction to Asset Acquisition	3	●	●	●	●	●	●			
An Introduction to Asset Integrity Management	2,5	●	●	●	●	●	●	●	●	
An Introduction to Asset Lifecycle Value Realisation	4,5	●	●	●	●	●	●			●
An Introduction to Focused Improvement	4,5	●	●	●	●	●	●	●	●	●
An Introduction to People Management	2,5	●	●	●	●		●	●	●	
An Introduction to Contractor and Contract Management	2,5	●	●	●	●	●	●	●	●	●
An Introduction to Technology and Information Management	2,5	●	●	●	●	●	●	●	●	●
An Introduction to Sustainable Operations	2,25	●	●	●	●	●	●			●
An Introduction to Portfolio Optimisation	2,5	●	●	●	●	●	●			●

Asset Management Awareness Modules

Duration (hours)	Course name	Description
3	An Introduction to Asset Management	This module defines the asset management (AM) terms and concepts with reference to the ISO 55000 standard for an AM system, as well as the Global AM Landscape document. It also discusses the AM objectives of improved asset performance, at reduced risks and optimal costs. Finally, it discusses the value of effective asset management and the benefits of implementing an AM system as specified in ISO 55000.
2	An Introduction to Measuring and Managing Performance	This module lays the foundation for the development of an asset management (AM) scorecard. Over the course of eight topics, it explains performance measurement terms and concepts such as objectives, KPIs, leading and lagging indicators, PDCA, and data versus information. It then provides a framework for a "balanced AM scorecard" and discusses the use of benchmarking for setting targets. Finally, it emphasises the identification of forums where KPIs can be discussed and action taken in line with the PDCA cycle, providing a template for a measurement plan.
2.5	An Introduction to Asset Information	The starting point for any asset management system is a complete register of all the organisation's physical assets. This module explains the need for an asset information system and explains the difference between a computerised maintenance management system (CMMS) and an enterprise asset management system (EAMS), with some selection and implementation guidelines. Next is the asset register, with some best practices regarding the asset hierarchy, relevant asset attributes and asset numbering, and the relationship between the engineering and financial asset registers. It also covers document management and the importance of a document management system and configuration control.
3	An Introduction to Risk Management	Risk management is an integral part of asset management, and the ISO 31000 standard for risk management is often referred to as ISO 55000's "sister". It is therefore important to get a handle on risk and risk management principles, as well as the related concepts of "compliance" and "governance". This module is largely structured according to the risk management framework in ISO 31000, covering all of its steps as well as related concepts such as the risk register, the hierarchy of risk management, management of change and the three lines of defence against risk. A real-life case study is discussed to illustrate how neglecting risk management resulted in a catastrophe.

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Duration (hours)	Course name	Description
1.75 (1¾)	An Introduction to Safety and Health Management	This module is not intended to replace any safety training, but rather to discuss the impact of asset management on people's health and safety. Occupational health and safety (OHS) is a sub-set of risk management, which focuses largely on the asset-related risks and the physical controls implemented (like guarding or sensors), and maintenance-related risks and their control mechanisms (like permits, isolation and job risk assessments). This module covers the elements of an OHS management system, specific roles and responsibilities, the hierarchy of controls and key success factors to establish a proactive health and safety culture in the organisation.
4.5	An Introduction to Tactics for Asset Reliability	The main purpose of the reliability engineer is to prevent the negative consequences of asset failures, rather than preventing all asset failures. This statement is expanded on and further explored in this module, in which we define reliability terminology and principles, explain the importance of the PF curve, and align on the functions of the reliability engineer. We also look at different kinds of failures, various maintenance methodologies, and how the reliability engineer can select the appropriate maintenance strategy by using the FMEA (failure modes and effects analysis) or RCA (root cause analysis) methodologies.
2.5	An Introduction to Operate for Reliability	Asset reliability and maintenance is not only the responsibility of the Engineering department. This module explains the important role that equipment operators play to prevent forced deterioration of their assets, as well as to detect equipment problems before they develop into major failures. It provides a step-by-step approach to implement operate for reliability (O4R), as well as useful tips to avoid pitfalls and increase the success rate of your O4R programme.
2.5	An Introduction to Precision Maintenance	It is of no use doing all the reliability analyses, defining the optimal maintenance tactics, planning and scheduling the work to perfection, if the artisans doing the maintenance work are not adhering to certain minimum quality standards. Precision maintenance addresses this problem by defining the applicable standards for torquing, alignment, balancing, lubricating, welding, and other maintenance tasks. These standards must be clearly specified in all work instructions and the maintenance staff must be trained to apply these standards, under the coaching and control of the maintenance supervisors.
2.5	An Introduction to Maintenance Work Management	This module covers the "engine room" of the Maintenance department – the maintenance work management process, from the triggering of a work request and its validation to the scoping and planning of the work, its resourcing, scheduling, allocation and execution. It covers the principles and best practices for each step, as well as the responsibilities, possible pitfalls, and the KPIs to measure their success. The module also emphasises the importance of complete and accurate work order feedback, as well as the use of systems and technologies to streamline the process.

Asset Management Awareness Modules

Duration (hours)	Course name	Description
2.5	An Introduction to Material Management	Although material management is normally a Supply Chain responsibility (and a source of frustration for Engineering), this module explains the principles and key concepts of material management that engineers need to understand. It also addresses the important role that Engineering plays in the effectiveness of material management, for example long-term resource planning, clear material specifications, spare parts criticality analysis, warranty management, and rotables, and explains the negative impact that squirrel stores and "free text purchases" have on the effectiveness of material management. It gives some guidelines on stock optimisation, as well as useful KPIs that can be used for material management.
1.5	An Introduction to Shutdown Management	Although shutdown management is just a special case of maintenance planning, resourcing and scheduling, this module covers the phases of a shutdown and the best practices applicable to each phase. Special attention is paid to the management of "emergent work" which only becomes visible during the shutdown and could have scope creep implications. It also covers the governance structures and meetings required for a shutdown's success. Finally, it discusses KPIs that can be used to monitor all aspects of a shutdown.
3	An Introduction to Asset Acquisition	This module covers the capital projects to acquire (build or buy) new assets. It is not a project management module, but it does explain the Stage-Gate™ process and the typical phases of a capital project. The module focuses mainly on maintenance readiness, which is the "readiness" of a new asset to be maintained and operated at the required level of availability after commissioning. This is achieved by involving the reliability engineers, maintenance managers and maintenance staff during the acquisition project. The module presents a framework of maintenance readiness activities during each project phase, the KPIs to measure its success, and the potential value of an effective maintenance readiness process.
2.5	An Introduction to Asset Integrity Management	This module covers the management of a special group of assets that degrade slowly but fail catastrophically, like dams, structures, silos, bridges, etc. Although many of the standard asset management principles apply to these assets too, this module addresses specific best practices and key success factors, such as the engineer of record, design integrity reviews during the acquisition phase, configuration control and management of change, application of the correct maintenance tasks, and regular asset integrity inspections (SIMM). As a case study, you will review the disaster of the levee failures in New Orleans during Hurricane Katrina in 2005.

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Duration (hours)	Course name	Description
4.5	An Introduction to Asset Lifecycle Value Realisation	If you want to strengthen your ability to make sound financial decisions in asset management, this module is for you. You will learn how to calculate the lifecycle cost (LCC) and equivalent annual cost (EAC) of assets or projects, factoring in the time value of money. You will discover how to use LCC analysis to guide asset decisions, evaluate the value of improvement initiatives through cost savings, increased revenue, or avoided losses, and build convincing business cases using ROI (return on investment), NPV (net present value) and IRR (internal rate of return). These are powerful skills that will boost your credibility and help you influence investment decisions with confidence.
4.5	An Introduction to Focused Improvement	This module provides a comprehensive approach to driving asset-related improvements through effective processes, systems, tools, and responsibilities. You will learn the importance of establishing a robust governance structure to define improvement criteria, focus areas, and track success. The module delves into how the daily management system supports a three-tier problem-solving approach and introduces the IDMAIC framework for focused improvement: identify, define, measure, analyse, improve and control. Additionally, it emphasises the importance of monitoring solutions over time to ensure the success of interventions. A key aspect of the module is understanding the distinction between problem-solving and proactive improvements. Through a real-life case study, you will see how focused improvement strategies are applied in practice.
2.5	An Introduction to People Management	This module covers the principles and practices for managing an asset management function effectively in terms of roles and responsibilities, organisational structure and interdepartmental collaboration. It also explains the process to identify competency requirements for each role, followed by role-specific learning pathways and individual training plans. This is supplemented with content around the importance of on-the-job coaching and mentoring to ensure that people apply their knowledge in practice.
2.5	An Introduction to Contractor and Contract Management	This module deals with the management of service providers and contractors to supplement the permanent workforce. It starts with the outsourcing decision, with valuable guidelines about the type of work to be outsourced and different categories of contracts. It then covers the selection and contracting process, while clarifying important aspects of contracts to be considered. The course continues with best practices regarding the management of contractors, both in terms of safety and quality of work. Finally, it covers KPIs that can be used to manage contractors more effectively.

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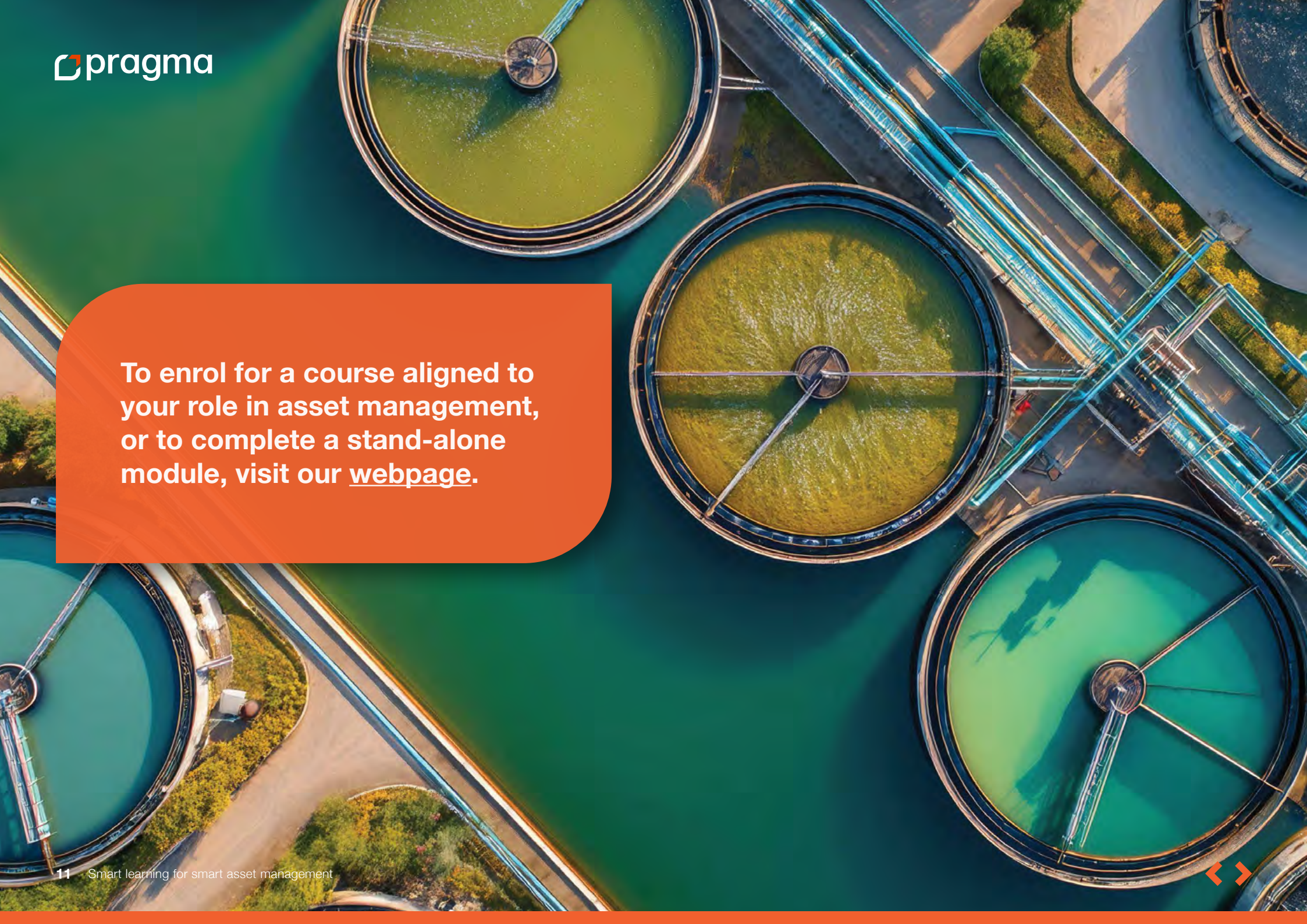
Duration (hours)	Course name	Description
2.5	An Introduction to Technology and Information Management	This module deals with the future of asset management, focusing specifically on the latest trends in technology and information management (eg AI, cloud computing, drones, augmented reality, 3D printing) and its application in asset management, especially with asset condition management, safety, and supply chain optimisation. Guidelines are provided to assist senior managers in deciding which technologies apply to their organisation to prevent wasting money on fads and gimmicks.
2.25 (2¼)	An Introduction to Sustainable Operations	In today's rapidly changing world, sustainable operations have become essential for preserving both business resilience and environmental integrity. This module explores the role of asset management in advancing sustainability, from reducing resource consumption and pollution to fostering a circular economy. Prepare to gain insights for meeting sustainability goals and securing your organisation's license to operate responsibly.
2.5	An Introduction to Portfolio Optimisation	This module deals with strategic asset management planning, focusing on decisions and strategies regarding the size and composition of the whole asset portfolio. The first step is to analyse the future demand for the organisation's products and services. Then, this demand forecast and organisational objectives for profitability and risk reduction are translated into a long-term plan for the asset portfolio (new asset acquisitions, end-of-life asset replacements and mid-life asset upgrades). The module provides guidelines for this process, for example how to consider the performance, condition, age and lifecycle plans for each asset class. The outcome is a phased capital budget, called a long-term asset plan (LTAP).
2.5	An Overview of Developing an Asset Management Policy and Strategy	This module covers the development of a high-level strategic asset management plan (SAMP), which includes the asset management objectives and long-term asset plan or LTAP. In line with ISO 55001, the module explains how to develop two types of plans: 1. An asset lifecycle plan for each major asset type, which defines its economic asset life, maintenance plans and refurbishment/upgrade plans. 2. An asset management implementation plan or roadmap, which defines the major activities to implement asset management and an AM system, prioritised and scheduled over a period of time. The final topic in this module covers change management, which is a critical success factor for implementing AM and an AM system.



To enrol for a course aligned to your role in asset management, or to complete a stand-alone module, visit our webpage.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