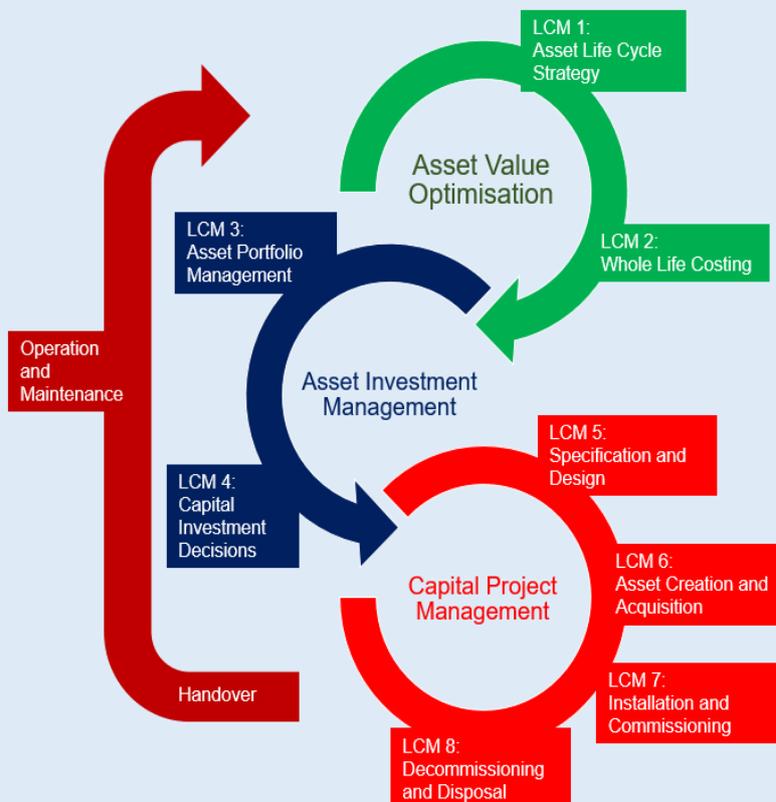


Introduction to Asset Life Cycle Management

Course Horizon

Asset Life Cycle is a key process within asset management. Asset Life Cycle Management entails the evaluation of combined capital and operating expenditure throughout the asset life cycle in order to optimize the profit generated from the asset.

The current competitive economic environment has alerted capital-intensive businesses with the need for cost reduction and productivity. Asset life cycle cost is a varying aspect which has to be controlled by managing both internal and external cost drivers, maintenance and non-maintenance issues.



This course intends to consolidate all these fundamentals, provide knowledge and practical insight into best application of asset management plans and asset life cycle management methodologies and techniques towards new and ageing assets

Who will benefit?

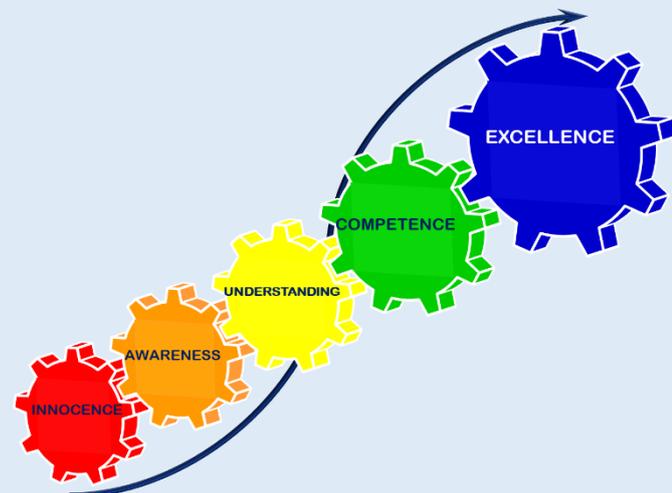
- Executives and Senior Managers of Asset Intensive Businesses
- Production and Operations Managers
- Asset and Maintenance Managers
- Project Managers/Engineers
- Maintenance and Production Engineers
- Supervisors
- Planners

Delivery Platform

- Public Training – available at in all cities and towns
- Onsite Training
- Virtual Instructor-Led Training
- E-Learning
- Customized Training

Training Duration

- Delivery – 2 days



REALISE YOUR POTENTIAL

Learning Objectives

By the end of this course, participants should be able to:

- Understand how to build and maintain effective asset management plans in order realise maximum asset value
- Comprehend the significance of asset master data towards effective asset life cycle management
- Determine the most suitable analysis and modelling techniques in asset life cycle forecasting, choosing maintenance strategy and optimal life establishment
- Gain understanding on procedures for building effective zero-based budgets, concentrating on improved reliability of critical assets
- Define requirements of operational readiness and focus for new assets and distinguish the approach towards ageing assets

Course Content

- Introduction to Asset Management and Asset Life Cycle Management
- Asset Whole Life Cycle Costing principles
- Optimising the Value of Assets
- Process of Asset Portfolio Management
- Optimal Capital Investment decision-making
- Item specification and design from user requirements
- Asset Creation and Acquisition including installation and commissioning
- Asset Decommissioning and Disposal

Main Elements

Delivery

- The 2-day session equips with knowledge and skills to bring competency
- Self-assessment quizzes and interactive group discussions on each learning area foster great understanding
- Interactive group sessions and illustrative videos will be delivered to enhance content comprehension

Techniques

Participants shall tackle practical exercises on:

- Asset life cycle costing
- Optimising asset portfolio based on individual asset care plans
- Defining user requirements and item specification
- Asset acquisition process
- Disposal of ages assets process

