MAINTENANCE PLANNING & SCHEDULING (ON DEMAND COURSE, PROFESSIONAL ROUTE)

STRATEGIC RELIABILITY SOLUTIONS LTD.

R2RELIABILITY

OVERVIEW

An online course that teaches you the essentials of Maintenance Planning & Scheduling and shows you how to successfully implement it in your organization. This accredited course makes maintenance planning & scheduling training suddenly more accessible and more affordable than ever before.

LEARNING OUTCOMES

- Building a ***business case*** for implementing or improving planning & scheduling in your business and getting ***leadership approval with ROIs***.
- The ***key elements in the maintenance planning & scheduling*** business process and how they interact with each other inclusive of developing a planning & scheduling business process flow specific for your organization.
- The ***key roles in the maintenance planning process*** particularly the maintenance planner, the scheduler and the supervisor.
- The ***importance of work prioritization*** and different methodologies that could opt for including the Ranking Index for Maintenance Expense (RIME) priority system and using a Risk Assessment Matrix (RAM).
- ***Dealing with Emergency Maintenance work*** and ensuring that a reactive work environment is not promoted.
- ***Effectively managing your maintenance backlog*** including usage of backlog categories, how much backlog you should have and monitoring your backlog.
- ***Implementing Maintenance Planning & Scheduling*** in your organization successfully, including the project management and change management principles. Understanding, the importance of training and coaching and how to set this up for success. ***Measuring the success of your implementation*** and ensuring long term sustainability.
- Much more including; setting ***quality standards for work requests***, the most important planning & scheduling KPIs and their calculations and how to deal with emergent work during the execution phase.

Includes:

- 48 lessons and 14 hours of video
- Course slides (PDF), transcripts (PDF) and audio of all lessons (MP3)
- Certificate of Completion (PDF)
- SMRP Recertification Credits
- Office Hours for Q&A
- Lifetime Access

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MODULES

Module 1: Welcome to the course
- Course objectives
- Introduction to the online learning management system.

Module 2: Introduction to Planning & Scheduling
- Role of maintenance in asset-intensive industries and the need for planning & scheduling.
- Increase in productivity and effects on the bottom line
- Key benefits of planning & scheduling (such as workforce motivation and safety)
- Critical characteristics of maintenance work and influence on maintenance planning & scheduling process

Module 3: Identify & Prioritize Work
- Work initiation and prioritization (to move out of the reactive zone)
- KPIs to measure your success

Module 4: Plan Work
- Importance of maintenance planning
- 6 principles of the maintenance planning process
- Roles & responsibilities of maintenance planners
- Level of detail required in a maintenance work order
- Components of a good 'work pack'
- Common mistakes and useful KPIs

Module 5: Monitor Work
- Monitoring work
- Proper handover to Scheduler

Module 6: Schedule Work
- Scheduling
- 5 basic scheduling principles includes scheduling for a Frozen Week
- Building your Weekly Schedule
- Capacity planning
- Basic scheduling techniques and concepts
- KPIs (eg Weekly Schedule Compliance and others)

Module 7: Execute Work
- Execution of the maintenance work
- Role of the maintenance supervisor
- Managing Emergency Work
- Dealing with Emergent Work

Module 8: Close out Work
- Close out of work
- Provision of feedback to the planner (eg planning quality, materials etc)
- Capturing technical history in the CMMS (for use in continuous improvement programs)
- Linking technical history to Defect Elimination & Root Cause Analysis processes

Module 9: Review & Improve
- Continuous improvement
- Using KPIs to drive performance and its limits
- Necessity of a 'process owner' who conducts annual process 'audits'
- Value of GEMBA walks
- Measuring wrench time

Module 10: Implementing Planning & Scheduling
- Business case
- Change management basics
- Setting up your project team for success
- Need for coaching

USD 1495
Group discounts available!