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Introduction to Planning and Scheduling Principles

An introductory course designed to provide participants with an understanding of the fundamentals of creating and maintaining an efficient planning and scheduling program.

COURSE OUTLINE

1. Planning and Scheduling World Class Model

- Advantages of the Planning Process
- Characteristics of the Planning and Control Matrix
- Characteristics of the Planning and Scheduling World Class Model
- Characteristics of Planning and Scheduling Performance Levels
- Characteristics of the Potential Failure (P-F) Curve
- Characteristics of How Equipment Fails
- Characteristics of the Planning and Scheduling Workflow Model
- Planning and Scheduling Roles and Responsibilities
- Ratios of Planner, Scheduler and Supervisor to Craftsman
- Use and Benefit of Predictive Maintenance Technologies
- Material Management Impact on Planning and Scheduling

2. Planning Principles

- Planning Fundamentals
- Basic Job Plan Requirements
- Requirements of Basic Job Plan Writing
- Importance of Quantitative Preventative Maintenance Tasks
- Basic Job Plan Details
- Basic Job Plan Estimating
- Work Request vs. Work Order
- Characteristics of Work Request/Work Order Criteria

3. Scheduling Principles

- Criteria of Scheduling Priorities
- Criteria for PM Schedule Development
- Scheduling Fundamentals
- Relationship Between Resource Availability and Resource Allocation

4. Planning and Scheduling Program Monitoring

- Successful Implementation of the Planning and Scheduling Model
- Quality Program Performance Measures
- Selection and Utilization of an Integrated CMMS System

OBJECTIVES

Utilize the world-class model to develop an understanding of the benefits of establishing an effective planning and scheduling program and an efficient maintenance environment.

WHO SHOULD ATTEND?

Entry level: Maintenance Planners and Schedulers, Maintenance Managers and Supervisors, Maintenance Staff, Plant Engineers, and Operations, Storeroom and Purchasing Managers

PREREQUISITES

None

