informatech



MAINTENANCE AND ENGINEERING | COURSE

Certified Maintenance Planner (CMP)

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Course content

Why Attend

The critical objectives of the maintenance planning and scheduling section are to ensure asset availability and reliability at the lowest cost. The planning and scheduling activities in the maintenance department are the reference points for all work orders. Planned wrongly and the whole maintenance management processes will be negatively affected. Work orders created by maintenance planners and properly executed will improve the effectiveness of the maintenance department.

The role of the maintenance planner is to develop the right work orders taking into consideration all the logistical requirements and constraints. Along with excellent planning and scheduling skills, this job requires interacting with many departments. The maintenance theories and principles as well as best practices that will be discussed during this course will equip the maintenance planner to achieve the critical objectives of the maintenance department.

The course uses a mix of interactive and hands-on techniques. Beside the brief presentations by the consultant and the participants, there will be many individual and group exercises based on actual maintenance work related scenarios. Given that the course is a certified one, there will also be a test at the end of the course.

By the end of the course, participants will be able to:

• Apply the latest concepts and techniques needed to effectively plan, schedule and control maintenance activities

• Use project management techniques to manage major maintenance activities and shut downs

• Demonstrate an understanding of how to maintain the optimal stock levels of spare parts to ensure operational availability

• Prepare the right maintenance KPIs to evaluate and improve the performance of critical maintenance processes in their department

• Select capital budgeting techniques to evaluate maintenance capital expenditures

• Relate and communicate with others to achieve the desired goals

Managers, supervisors and planners responsible for maintenance planning, scheduling and control activities.

• Maintenance theory and practice



Course content

Why Attend

- Maintenance work processes
- Project management
- Planning and logistics theory and practice
- Performance management
- Financial evaluation
- Influencing and communicating

Course outline

Putting planning in context

- The modern maintenance strategy
- Maintenance as a business process
- The business case for planning
- The financial benefits case
- The scope challenge
- Optimising maintenance frequency
- The value of improving maintenance efficiency
- Benefits for operations
- Benefits for the maintenance team
- Safety performance improvement
- The different levels of planning
- The pitfalls of traditional planning processes

Role of the maintenance planner



Course content

Course outline

- Importance of maintenance and asset management
- Objectives and types of maintenance
- Evolution of the maintenance function
- The planning process
- Types of maintenance
- Clarification of roles in maintenance
- Defining the work order system
- Setting priorities to work orders
- Establishing a preventive maintenance program
- Preventive maintenance risks

Planning major maintenance work and shutdowns

- The unique challenge of shutdowns
- A model of excellence of shutdown preparation
- Scope of work and activities
- Work Breakdown Structure (WBS) requirements
- Setting and using maintenance standards
- Planning and scheduling constraints
- The critical path method
- Forward and backward scheduling
- Manpower planning
- Resource planning histograms
- Planning the preparation and strategic work



Course content

Course outline

Controlling maintenance work

- Types of control and control documentation
- The use of Key Performance Indicators (KPIs) that count in maintenance
- Sources of data for KPIs
- Examples of maintenance KPIs

Driving maintenance performance

- Drawing learning from recurring maintenance tasks
- Refining maintenance policies
- Learning from reviewing planned maintenance
- Capturing learning from inspection work
- Scope optimisation
- The 3R's process
- Dealing with the productivity challenge
- Labour utilisation and tool time
- The driven DILO process
- The importance of measuring productivity
- Challenge planning – the next step?
- The 5T's
- SMED analysis

Dealing with maintenance colleagues, management and users

- The importance of communication skills



Course content

Course outline

- Possible communication barriers
- Reasons we face conflict
- Managing conflicts effectively
- Styles in managing conflict



Seminar dates

Available seminar dates

Live dates and pricing for Certified Maintenance Planner (CMP) generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
14 - 18 December 2026	Barcelona - Spain	Classroom	**€3,080.-**
18 - 22 January 2027	Paris - France	Classroom	**€3,600.-**
15 - 19 February 2027	Frankfurt - Germany	Classroom	**€2,600.-**
15 - 19 March 2027	Barcelona - Spain	Classroom	**€3,080.-**
19 - 23 April 2027	Frankfurt - Germany	Classroom	**€2,600.-**
17 - 21 May 2027	Rome - Italy	Classroom	**€3,400.-**
21 - 25 June 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
19 - 23 July 2027	Barcelona - Spain	Classroom	**€3,080.-**
16 - 20 August 2027	Paris - France	Classroom	**€3,600.-**
20 - 24 September 2027	Frankfurt - Germany	Classroom	**€2,600.-**
18 - 22 October 2027	Barcelona - Spain	Classroom	**€3,080.-**
15 - 19 November 2027	Frankfurt - Germany	Classroom	**€2,600.-**
20 - 24 December 2027	Rome - Italy	Classroom	**€3,400.-**

Live online option	Online delivery is available at €1,850.-.