

WHY MAINTENANCE MANAGEMENT PROFESSIONAL?

Every business has physical assets. These assets are used to create value in terms of the products or services you offer your customers.

Effective maintenance management of your organization's physical assets increases...

- Uptime
- Production capacity
- Equipment reliability
- Economic life of assets
- Safety records
- Environmental compliance
- Return on your financial investment in capital assets.

The MMP certification program enables you and your employees to provide the most cost effective management of your business's physical assets.

MAINTENANCE MANAGEMENT PROFESSIONAL (MMP)

Take advantage of an industry driven education and training program to give your employees and your business the competitive edge.

For more information on the Maintenance Management Professional certification program, please contact:

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Maintenance Management Professional

CERTIFICATION PROGRAM



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Maintenance Management Professional (MMP)

Developed and authorized by the Plant Engineering and Maintenance Association of Canada, the “Maintenance Management Professional Certification Program” consists of eight modules. The program is designed for individuals who are:

- Already in maintenance management or supervisory positions and are seeking formal training
- Aspiring to management positions in the maintenance field
- Seeking full maintenance accreditation through the MMP designation (Maintenance Management Professional), or
- Those seeking specific training in selected areas.

The following is a description of the eight MMP Certification Program Modules. While not mandatory, it is strongly recommended that the modules be taken and completed in the order in which they are listed.

Module 1:

Maintenance Management Skills and Techniques

Introduces the basic concepts of physical asset management and the latest developments and trends in effective maintenance practices. Provides basic understanding of the strategic approach to achieving “Maintenance Excellence” (15 hours)

Module 2:

Production and Operations Management for the Maintenance Manager

Links maintenance strategies with production and operations. Topics include an overview of planning and scheduling methods, inventory control, production management principles, quality control methods, and Lean improvement concepts such as TPM in a maintenance environment. It also provides an understanding of benchmarking and decision-making strategies for maintenance management. (30 hours)

Module 3:

Human Resource Management for the Maintenance Manager

Looks at how human resources practices relate to the maintenance environment. Topics covered include the role of human resources in maintenance management, meeting legal requirements, recruitment

and selection, orientation training and employee development, proper application of performance appraisals, the union management interface, managing change through effective leadership, and managing safety in the workplace. (30 hours)

Module 4:

Financial Management for the Maintenance Manager

Focuses on the application of accounting and finance principles as it pertains to the maintenance management role. The module will give you an understanding in the foundation principles of accounting and cover the four main pillars of accounting knowledge the maintenance manager needs to support a successful maintenance department. These four main pillars are: Project Analysis, Budgeting/Forecasting, Cost Analysis for Managerial Decisions, and MRO Inventory. (30 hours)

Module 5:

Developing and Implementing Maintenance Tactics

Focuses on maintenance efforts to ensure that physical assets safely, capably, reliably and repeatedly perform to their designed specifications. Emphasis is on techniques to develop maintenance tactics that will address how the assets are used, how they are likely to fail, the consequence of failure, and identifying maintenance tactics that are both feasible and worth doing. After developing tactics, the module will emphasize how tactics need to be implemented and their effectiveness tracked. Topics include failure mode and effect analysis and root cause failure analysis in addition to the RCM decision process. (30 hours)

Module 6:

Maintenance Planning and Scheduling

Planning, scheduling and work coordination form the foundation to maintenance’s ability to add value to the goods and/or services of their companies and customers. Effective planning and scheduling ensure that the right things are done at the right time using the right resources and the right tools in an effort to enhance process reliability while minimizing interruptions to production processes

and/or services. This module provides a study of the fundamental principles of the planning and scheduling process in addition to the basics of planning, scheduling and work coordination methods. Upon completion of this module, participants will have a sound understanding of planning and scheduling tools and how to apply them to effectively transition from reactive to proactive maintenance and physical asset management. Key learning elements include effective use of resources, aligning maintenance activities with production or service schedules, developing and documenting maintenance strategies and integrating proactive maintenance tactics. (30 hours)

Module 7:

Computerized Maintenance Management Systems

A study of the features, benefits and effective use of a CMMS or EAM computerized maintenance work management process. Topics include selection, implementation and optimization of a suitable computerized maintenance management system (CMMS) or Enterprise Asset Management system (EAM) in addition to ongoing support and upgrading of a CMMS/EAM based on changing requirements. (30 hours)

Module 8:

Capstone Course

Through the application of key learning elements from the previous 7 MMP modules students apply the principles, latest concepts and techniques to a final project. Working in small groups or teams, students will select a project that will audit, assess and improve their current maintenance departments or develop a new maintenance strategy in their company or resolve a significant maintenance issue within their departments. There is also the option of developing a “Greenfield” maintenance strategy and program upon approval from the instructor. If the prerequisite of all previous modules having been completed, the assessment of the Capstone projects is intended to qualify students for their MMP certification and designation. (30 hours)