

ASSET MANAGEMENT PROFESSIONAL

Certification Program



**Excellence in Asset
Management**



**PEMAC Asset Management
Association of Canada**

Canadian Leaders In Asset Management

PEMAC is a Canadian, not for profit association enabling excellence in maintenance, reliability, and asset management through collaboration, applied learning, and advocacy. Through effective management of built and natural physical assets, PEMAC members positively impact the daily lives and well being of Canadians from coast to coast to coast.

THE PROGRAM

Developed by PEMAC in 2014, the Asset Management Professional certification program introduces participants to the latest in strategic asset management thinking, builds knowledge and skill in key subject areas, including risk and knowledge management and provides tools for strategic decision making at each stage of the asset life cycle.

The program is designed for mid-career professionals, from a variety of backgrounds, including engineering, business management and information technology, responsible for managing decisions with respect to an asset's core life cycle functions, such as design, selection, operation and maintenance.

Content in the 6 courses promotes discussion on asset management models and tools, organization cross functional alignment and return on investment, providing participants with broad, practical understanding and a readiness to collaborate with others in their organization in the promotion and implementation of asset management principles.



COURSE 1

ASSET MANAGEMENT PRINCIPLES AND STRATEGIC DEVELOPMENT (30 HOURS)

Gain an overview of the essentials of Asset Management in the context of ISO 5500x and identify opportunities for application of Asset Management concepts in your organization to realize value. Begin to discover Asset Management decision-making tools.

COURSE 2

ASSET MANAGEMENT CAPABILITIES DEVELOPMENT (30 HOURS)

Learn how to develop the organizational capability for engaging the workforce to achieve excellent Asset Management performance. Topics include: organizational structure analysis to identify changes needed for a holistic asset management approach, change management, project management, systems thinking, training needs assessment customer - supplier relationships, adaptive organizations and cultural discipline.



COURSE 3

RISK MANAGEMENT & PERFORMANCE IMPROVEMENT (30 HOURS)

Obtain an overview of risk management tools and techniques and how these techniques can be used to drive performance improvement through the planning, decision-making and operational phases of any corporate objective. See risk management in the context of holistic Asset Management in which all classes of assets are included such as physical assets, knowledge/information assets, human resources and strategy assets.

COURSE 4

DEVELOPING AND IMPLEMENTING ASSET LIFECYCLE DELIVERY ACTIVITIES (30 HOURS)

Gain an understanding of different characteristics and requirements for managing assets through the asset lifecycle delivery stages from asset acquisition, through asset operations and maintenance, to asset disposal. Learn when to use various strategies and tactics and practice applying them to real-world examples.



COURSE 5

ASSET KNOWLEDGE MANAGEMENT (30 HOURS)

Study asset information and knowledge management across the full asset lifecycle from the front-end engineering design through to the “operate and maintain” phase and eventually to asset retirement. Referring to ISO 14224, the course provides a strategic level view of the important role that information and knowledge management plays in an asset dependent organization.

COURSE 6

CAPSTONE (30 HOURS)

Review the elements of the previous courses and take the opportunity to bring the concepts together in an applied project that requires the development of an Asset Management Policy and Strategy for an organization as well as the development and implementation of an Asset Management Plan for a particular class of assets.

ASSET MANAGEMENT PROFESSIONAL PROGRAM

310+

Asset management professionals have been awarded the CAMP designation

92%

CAMP-certified members rate the program's contribution to departmental or organizational performance as excellent or very good.

PROGRAM DELIVERY

AMP courses are offered asynchronously, online at Northern Lakes College. Check the PEMAC website for the published schedule.

PROGRAM RECOGNITION

In addition to being recognized as having the gold standard for the asset management profession, CAMP certification is recognized by a growing number of organizations.

SPECIAL MEMBERSHIP OFFER

Individuals currently enrolled in any AMP course are eligible for a 1 year complimentary PEMAC membership.



PROFESSIONAL DESIGNATION

Participants who successfully complete all 6 courses are awarded exclusive use of the Asset Management Professional (CAMP) designation and become PEMAC members.



"The AMP program has brought both my personal and professional capabilities to a level I was unaware I could achieve, I now have the tools to tackle challenges with higher level understandings and approach."

Dean Hendrickson, CAMP

Fleet Manager, Department of Infrastructure, Asset Management Division, Government of the Northwest Territories



FOR MORE INFORMATION CONTACT:

📞 905-823-7255 | ✉️ pd@pemac.org | 🌐 pemac.org