

2020-2021 Schedule

Asset Management Professional

Certified Asset Management Assessor

Maintenance Management Professional

Developed and authorized by:

PEMAC

NORTHERN LAKES COLLEGE

CONTINUING EDUCATION & CORPORATE TRAINING

Register Online TODAY!

www.northernlakescollege.ca/cect

1201 Main Street SE, Slave Lake, AB T0G 2A3

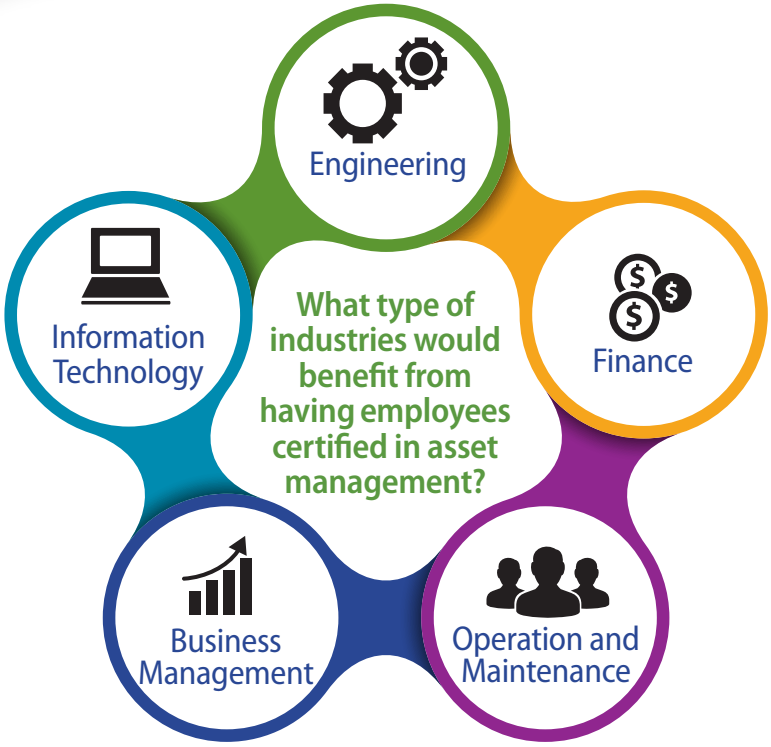
Toll Free: 1-866-652-3456 ext. 8623

Direct 780-849-8623

Office Hours: Monday to Friday 8:15 a.m. - 4:30 p.m.



ASSET MANAGEMENT PROFESSIONAL (AMP)



The program is designed for mid-career professionals and senior managers, in both the private and public sectors, who have responsibility for managing decisions with respect to the core life cycle functions such as design, selection, operation, and maintenance of an organization's assets.

Asset Management Professional (AMP)

The Program

The program is comprised of six courses. Course 1 is a pre-requisite for all other courses. We recommend you take the courses in the order they are listed. You must complete Courses 1 to 5 before taking Course 6. All courses are delivered NLC Anytime, Anywhere (asynchronously) over ten weeks with lessons delivered weekly. Each course is broken down into 'weeks' of work. You can do your weekly assignments on your own schedule. Opportunities to connect with your classmates and instructor are (for the most part) through online discussion forums.

Completion of the AMP program leads to the Certified Asset Management Professional (CAMP™) designation issued by PEMAC.

COURSE 1: ASSET MANAGEMENT PRINCIPLES AND STRATEGIC DEVELOPMENT

Course Code: AMP001

Prerequisite: None

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.

September 29 – December 7, 2020
January 12 - March 22, 2021
April 13 – June 21, 2021

COURSE 2: ASSET MANAGEMENT CAPABILITIES DEVELOPMENT

Course Code: AMP002

Prerequisite: Course 1: Asset Management Principles and Strategic Development

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.

September 29 – December 7, 2020
January 12 - March 22, 2021
April 13 – June 21, 2021

COURSE 3: RISK MANAGEMENT AND PERFORMANCE IMPROVEMENT

Course Code: AMP003

Prerequisite: Course 1: Asset Management Principles and Strategic Development

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: physical assets/equipment, knowledge/information assets, human resources and strategy assets.

September 29 – December 7, 2020
April 13 – June 21, 2021

COURSE 4: DEVELOPING AND IMPLEMENTING ASSET LIFE CYCLE DELIVERY ACTIVITIES

Course Code: AMP004

Prerequisite: Course 1: Asset Management Principles and Strategic Development

Gain an understanding of different characteristics and requirements for managing assets through the asset life cycle 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.

September 29 – December 7, 2020
April 13 – June 21, 2021

COURSE 5: ASSET KNOWLEDGE MANAGEMENT

Course Code: AMP005

Prerequisite: Course 1: Asset Management Principles and Strategic Development

Study asset information and knowledge management across the full asset life cycle 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 play in an asset dependent organization.

January 12 - March 22, 2021

COURSE 6: ASSET MANAGEMENT CAPSTONE

Course Code: AMP006

Prerequisite: AMP Courses 1 through to 5

In this course, you will review the elements of the previous courses and take the opportunity to bring the concepts together in an applied project. The project 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.

April 13 – June 21, 2021

Completion of the AMP program leads to the Certified Asset Management Professional (CAMA) designation issued by PEMAC.

AMP fees $865.00 per course. Students are responsible to purchase their own textbooks. *Prices are subject to change.

Certified Asset Management Assessor Preparation

Prepare yourself to write the Certified Asset Management Assessor Exam!

No time to study for the CAMA exam?

CERTIFIED ASSET MANAGEMENT ASSESSOR PREPARATION

Course Code: CAMA01

Prerequisite: Must have a minimum five years of working experience in asset management and should have working knowledge of ISO 5500x Standards and understand the GFMAM Competency Specification for an ISO 55001 Asset Management System Auditor/Assessor.

Reduce your pre-exam stress by spending time with the experts. This course is designed to give individuals an efficient overview of the recommended preparation material for the CAMA exam. These materials provide insight into the ISO 5500x framework of documents, the GFMAM Asset Management Landscape, and the GFMAM Competency Specification, which indicates what ISO 5500x Asset Management Systems Assessors must know to complete that task effectively.

Mondays and Wednesdays	Tuesdays and Thursdays	Tuesdays and Thursdays
October 19 - November 9, 2020	**January 26 - February 16, 2021**	**May 4 - 25, 2021**
4:00 p.m. - 6:00 p.m.	5:00 p.m. -7:00 p.m.	4:00 p.m. - 6:00 p.m.

NLC LIVE Online™ | Fee: $649.00

*Prices do not include GST and are subject to change. All times are Mountain Standard Time.

PEMAC

FREE AMP/MMP/CAMA Information Sessions

Take advantage of the opportunity to discuss with a group of peers and the facilitators!

Join us for a free one-hour information session!

NLC LIVE ONLINE™

Find out more about becoming a designated AMP or MMP through PEMAC Asset Management Association of Canada, Canadian leaders in asset management.

October 20, 2020	10:00 a.m. – 11:00 a.m.
February 24, 2021	4:00 p.m. – 5:00 p.m.
June 10, 2021	12:00 p.m. – 1:00 p.m.

PRIVATE COURSE TRAINING

Northern Lakes College understands that every organization is different, and has different training needs, which is why we offer a wide range of courses that are customizable, so the training suits your needs. Courses can be delivered according to your timetable and offered in two online formats.

NLC Anytime, Anywhere: Courses where you do not have scheduled classes, but where you log in to a program online at any time and do your work.

Available to groups of businesses upon request: Courses offered through **NLC LIVE Online™**, is where students have scheduled classes online, students log in to a program with instructors and peers on the same day, at the same time. Prices will be quoted upon request

We can also customize any of the training to meet your needs!



MAINTENANCE MANAGEMENT PROFESSIONAL (MMP)

Designed for operations and maintenance managers in asset intensive industries who want to learn maintenance best practices.

MAINTRAIN 2020 | **Maintenance, Reliability and Asset Management ONLINE Conference** | **SEP 15-16**

The MainTrain 2020 Conference is going digital and going to be hosted ONLINE!

Tuesday September 15th, 2020 - Wednesday September 16th, 2020

More details on the schedule, delegate registration and sponsorship coming soon!

www.pemac.org/maintrain-2020-online

www.northernlakescollege.ca/cect

Maintenance Management Professional (MMP)

Through the MMP program, Kevin Wharmby gained the knowledge and skills to drive improvements in uptime, production capacity, equipment reliability, safety, environmental compliance, economic life of assets, return on investment, and to develop effective communication between departments. In April 2018, he successfully completed the MMP program. **"The skills I acquired through the program will assist me with improving our work management processes and helping our reliability program grow,"** he comments. Wharmby concludes, "I have always believed that learning is a lifelong journey. I have been fortunate to work for companies along the way that have supported me in upgrading my skillset. I believe that the more well-rounded your knowledge, the more opportunities are open for you."

- Kevin Wharmby, NLC Alumni,
Maintenance Management Professional Certificate

Read the full story www.northernlakescollege.ca/cect



The Program

The Maintenance Management Professional Certificate program is designed for operations and maintenance managers in asset intensive industries who want to learn maintenance best practices. The program focuses on the tools, techniques, strategies, and skills necessary for management of a business and its existing physical assets. Developed and authorized by PEMAC Asset Management Association of Canada, Canadian leaders in asset management, the program leads to a Canadian Maintenance Management Professional designation.

Maintenance Management Professional (MMP)

MODULE 1: AN INTEGRATED STRATEGY FOR MAINTENANCE MANAGEMENT

Course Code: MMP001

Prerequisite: None

This module introduces you to an integrated and holistic approach to maintenance and asset management.

September 14 – October 19, 2020
Mondays 3:30 p.m. – 6:30 p.m.

November 10 – December 8, 2020
Tuesdays 6:30 p.m. – 9:30 p.m.

January 21 – February 18, 2021
Thursdays 3:30 p.m. – 6:30 p.m.

March 2 – March 30, 2021
Tuesdays 6:30 p.m. – 9:30 p.m.

May 12 – June 9, 2021
Wednesdays 4:30 p.m. – 7:30 p.m.

MODULE 2: PRODUCTION AND OPERATIONS MANAGEMENT FOR THE MAINTENANCE MANAGER

Course Code: MMP002

Prerequisite: Module 1: An Integrated Strategy for Maintenance Management is recommended

This module links maintenance strategies with those of production and operations.

September 3 – November 5, 2020
Thursdays 6:30 p.m. – 9:30 p.m.

November 10 – January 26, 2021
Tuesdays 3:30 p.m. – 6:30 p.m.

February 3 – April 7, 2021
Wednesdays 6:30 p.m. – 9:30 p.m.

April 15 – June 17, 2021
Thursdays 3:30 p.m. – 6:30 p.m.

MODULE 3: HUMAN RESOURCE MANAGEMENT FOR THE MAINTENANCE MANAGER

Course Code: MMP003

Prerequisite: Module 1: An Integrated Strategy for Maintenance Management is recommended

In this course, you will look at how human resources practices relate to the maintenance environment.

September 2 – November 4, 2020
Wednesdays 3:30 p.m. – 6:30 p.m.

November 12 – January 28, 2021
Thursdays 6:30 p.m. – 9:30 p.m.

February 2 – April 6, 2021
Tuesdays 3:30 p.m. – 6:30 p.m.

April 14 – June 16, 2021
Wednesdays 6:30 p.m. – 9:30 p.m.

MODULE 4: FINANCIAL MANAGEMENT FOR THE MAINTENANCE MANAGER

Course Code: MMP004

Prerequisite: Module 1: An Integrated Strategy for Maintenance Management is recommended

In this course, you will focus on the application of accounting and finance principles as it pertains to the maintenance management role.

November 9 – January 25, 2021
Mondays 3:30 p.m. – 6:30 p.m.

February 4 – April 8, 2021
Thursdays 6:30 p.m. – 9:30 p.m.

April 13 – June 15, 2021
Tuesdays 3:30 p.m. – 6:30 p.m.

MODULE 5: DEVELOPING AND IMPLEMENTING MAINTENANCE TACTICS

Course Code: MMP005

Prerequisite: Module 1: An Integrated Strategy for Maintenance Management is recommended

This module focuses on maintenance efforts with the goal to ensure that physical assets safely, capably, reliably, and repeatedly perform to their designed specifications. The focus 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 identify maintenance tactics that are both feasible and worth doing.

September 1 – November 3, 2020
Tuesdays 6:30 p.m. – 9:30 p.m.

February 3 – April 7, 2021
Wednesdays 3:30 p.m. – 6:30 p.m.

April 15 – June 17, 2021
Thursdays 6:30 p.m. – 9:30 p.m.

MODULE 6: MAINTENANCE WORK MANAGEMENT

Course Code: MMP006

Prerequisite: MMP Modules 1 through to 5 are recommended

In this course, you will study the fundamentals of the work management processes, look at the key steps in the process, and get a more detailed overview of the basics of planning, scheduling, and work coordination methods.

September 3 – November 5, 2020
Thursdays 3:30 p.m. – 6:30 p.m.

November 10 – January 26, 2021
Tuesdays 6:30 p.m. – 9:30 p.m.

April 14 – June 16, 2021
Wednesdays 3:30 p.m. – 6:30 p.m.

MODULE 7: COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEMS

Course Code: MMP007

Prerequisite: MMP Modules 1, 5 and 6 are recommended

In this course you will study the features, benefits, and effective use of a computerized maintenance management system or Enterprise Asset Management computerized maintenance work management process.

September 2 – November 4, 2020
Wednesdays 6:30 p.m. – 9:30 p.m.

November 12 – January 28, 2021
Thursdays 3:30 p.m. – 6:30 p.m.

February 2 – April 6, 2021
Tuesdays 6:30 p.m. – 9:30 p.m.

MODULE 8: MAINTENANCE MANAGEMENT CAPSTONE PROJECT

Course Code: MMP008

Prerequisite: MMP Modules 1 through 7

In this course, you will select a project that will audit, assess, and improve your current maintenance department or develop a new maintenance strategy in your company.

October 6 – December 8, 2020
Tuesdays 6:30 p.m. – 9:30 p.m.

April 14 – June 16, 2021
Wednesdays 3:30 p.m. – 6:30 p.m.

MMP Tuition

Module 1:
$495 DISCOUNT up to eight days before course starts
$525 when registering seven days or less before course starts

Modules 2 through to 8:
$895 DISCOUNT up to eight days before course starts
$925 when registering seven days or less before course starts

Textbook Prices

Module 1	$75.00
Module 2	$135.00
Module 3	$150.00
Module 4	$100.00
Module 5	$65.00
Module 6	$75.00
Module 7	$55.00
Module 8	No textbook

Textbook Shipping Prices
Shipping within Canada $30.00
Shipping within United States $109.00
Shipping Internationally $225.00

If registered within seven days of the course start date, extra shipping fees apply.

*Textbook and shipping prices do not include GST and are subject to change. All times are Mountain Standard Time.

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