

## ASSET KNOWLEDGE MANAGEMENT <sup>w</sup>

Course: AMPC 205 | Fee: \$758 | Total Hours: 30

Prerequisite: AMPC 201

This course covers 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, this course provides a strategic level view of the important role that information and Knowledge Management plays in an asset dependent business.

## CAPSTONE <sup>w</sup>

Course: AMPC 206 | Fee: \$758 | Total Hours: 30

Prerequisite: AMPC 201-205

The Capstone course reviews the elements of the previous 5 courses and provides participants with 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.

## ONLINE LEARNING.

For information on system requirements for online courses and other information regarding online learning at Humber, visit: [humber.ca/onlinelearning](http://humber.ca/onlinelearning), or call 416.675.5049 or 1.877.215.6117

## WHAT TO EXPECT

Courses have a set start and end date and are offered as an asynchronous learning method-which means students are not expected to come online at a specific time. Each course has a Critical Path that is intended to guide students to meet the deadlines for assignments, discussions and quizzes in a timely fashion. Students must be prepared to spend six to nine hours for each course per week on homework and learning materials.

## TWO WAYS TO REGISTER:

Online: [humber.ca/ets](http://humber.ca/ets)

Telephone: 416.675.5005

1.877.675.5660

For more program information, visit: [humber.ca/ets](http://humber.ca/ets)

Contact PEMAC: [pemac.org](http://pemac.org)

## CONTACT

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# ASSET MANAGEMENT PROFESSIONAL

Online Certificate Program 2017-2018



**WE ARE  
THE NEXT STEP  
IN YOUR CAREER**

# ASSET MANAGEMENT PROFESSIONAL CERTIFICATE

Offered exclusively at Humber, in partnership with the Plant Engineering and Maintenance Association of Canada (PEMAC), the Asset Management Professional Certificate program has been designed to build organizational capacity for excellence in Asset Management by developing relevant knowledge and skills across disciplines for those responsible for Asset Management decision-making and design of the Asset Management system.

This program is relevant to mid-career professionals and senior managers from varied disciplines including Engineering, IT, Business and Finance and from all types of organizations that manage large scale physical assets such as manufacturing, municipal infrastructure, chemical processing and public utilities.

Successful completion of the six courses leads to a Certificate of Completion from Humber College which can be used to apply to PEMAC for the “Certified Asset Management Professional” (CAMP) designation.

AMP participants receive one year of complimentary PEMAC membership. Visit [www.pemac.org](http://www.pemac.org) for more information.

## CERTIFICATE CRITERIA

**Six Compulsory Courses** - ALL ONLINE

- AMPC 201 Asset Management Principles & Strategic Development
- AMPC 202 Asset Management Capabilities Development
- AMPC 203 Risk Management & Performance Improvement
- AMPC 204 Developing & Implementing Asset Lifecycle Delivery Activities
- AMPC 205 Asset Knowledge Management
- AMPC 206 Capstone

## ASSET MANAGEMENT PRINCIPLES & STRATEGIC DEVELOPMENT

Course: AMPC 201 | Fee: \$758 | Total Hours: 30

This course provides an overview of the essentials of Asset Management in the context of ISO 5500x and assists the participants to identify opportunities for application of Asset Management concepts in their own organization to realize value. This course also provides an overview of Asset Management decision-making tools such as: Risk Assessment, Lifecycle Delivery Activities, Design for Reliability, Asset Rationalization and disposal decisions.

## ASSET MANAGEMENT CAPABILITIES DEVELOPMENT

Course: AMPC 202 | Fee: \$758 | Total Hours: 30  
Prerequisite: AMPC 201

This course focuses on how to develop the organizational capability for engaging the workforce to achieve excellent Asset Management performance. It looks at an analysis of the organizational structure for the purpose of identifying changes needed for a holistic approach to Asset Management, Change Management, Project Management, Systems Thinking, Training Needs Assessment, Customer Supplier Relationships, Adaptive Organizations and Cultural Discipline.



## RISK MANAGEMENT & PERFORMANCE IMPROVEMENT

Course: AMPC 203 | Fee: \$758 | Total Hours: 30  
Prerequisite: AMPC 201

This course provides 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. It looks at Risk Management in the context of holistic Asset Management in which all classes of assets are included. Reference is made to both ISO 5500x for Asset Management and ISO 3100x for Risk Management. This course would benefit individuals of all levels of the organization.

## DEVELOPING & IMPLEMENTING ASSET LIFECYCLE DELIVERY ACTIVITIES

Course: AMPC 204 | Fee: \$758 | Total Hours: 30  
Prerequisite: AMPC 201

This course provides participants with 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. Participants will learn when to use various strategies and tactics and will practice applying them to real-world examples.

For more program information, visit: [humber.ca/ets](http://humber.ca/ets)

 ALL COURSES ARE OFFERED ONLINE