

# MAINTENANCE ASSET PLANNING (MAP)

Welcome to the highly sought after Asset Planning Certificate designed and written with industry support from Suncor, Syncrude, and CNRL. This certificate program, approved by the Plant Engineering and Maintenance Association of Canada (PEMAC) is ideal for individuals who want to start or advance their career in the planning and scheduling field. This includes both experienced skilled trades people, as well as individuals who have strong logic and process skills. This program will give you the methods and the tools to maximize both resource productivity and craft utilization. While not required, it is recommended that modules be taken in order. A combination of in-class and online modules are now available for your convenience!

## Module #1: Reliability & Task Selection

Learn how to apply the best facility strategies to proactively guide your Maintenance and Reliability Departments. Applying failure and value analysis will ensure you are performing the right maintenance for the right reasons.

Course Code: CEASSET101-01  
 Oct 5-7 T-Th  
 8:00 – 4:00 pm Room: BL140  
 \$800.00 21 Hrs

Course Code: CEASSET101-X01  
**Online Delivery**

## Module #2: Work Planning & Resource Scheduling

Basic principles of planning and scheduling maintenance activities are addressed in this module. Managing a daily backlog and ensuring prioritized activities are enabled in the most economical way are focus areas of this workshop. Practical exercises allow participants to practice these skills in a team based environment.

Course Code: CEASSET102-01  
 Nov 2-4 T-Th  
 8:00 – 4:00 pm Room: BL140  
 \$800.00 21 Hrs

Course Code: CEASSET102-X01  
**Online Delivery**

## Module #3: Job Plans

This two day module provides the theory and concepts for applying a practical approach to job plan building as well as providing guidelines for building risk based job plans.

Course Code: CEASSET103-01  
 Nov 26 & 27 F & S  
 8:00 – 4:00 pm Room: BL144  
 \$550.00 14 Hrs

Course Code: CEASSET103-X01  
**Online Delivery**

## Module #4: Supply Chain

This module emphasizes how to optimize your inventory while ensuring the critical spares are available for production critical equipment. You will learn all the costs associated with a maintenance inventory and discuss various inventory management strategies.

Course Code: CEASSET104-01  
*To be offered Winter 2011, dates to be available in Winter/Spring calendar published December, 2010.*

Course Code: CEASSET104-X01  
**Online Delivery**

## Module #5: Turn Around Planning & Scheduling

This module highlights project management and team communication concepts applied to identifying and controlling shutdown risks. Participants practice their skills in a team based exercise.

Course Code: CEASSET105-01  
*To be offered Winter 2011, dates to be available in Winter/Spring calendar published December, 2010.*

Course Code: CEASSET105-X01  
**Online Delivery**

## Module #6: Computerized Maintenance Management Applications (CMMS)

This module emphasized the features and benefits of CMMS and developing an expertise in the application and support of a CMMS package from a maintenance risk perspective.

Course Code: CEASSET107-01  
 Sep 30 Th  
 8:00 – 4:00 pm Room: BL142  
 \$300.00 7 Hrs

Course Code: CEASSET107-X01  
**Online Delivery**

## Module #7: Trouble Shooting/RCA –Continuous Improvement

This module focuses on learning how to identify and isolate problems using a proven troubleshooting methodology. You will learn how to process factual information to quickly focus on the root cause when troubleshooting, a skill crucial to facility continuous improvement and eliminating sources of repeating problems.

Course Code: CEASSET106-01  
 Oct 22 & 23 F & S  
 8:00 – 4:00 pm Room: S110  
 \$550.00 14 Hrs

Course Code: CEASSET106-X01  
**Online Delivery**

## NEW! Asynchronous (eLearning)

Complete your MAP training any time – anywhere all you need is a computer and internet access!

### What is asynchronous online learning?

Online learning, or eLearning, is a form of distance education that is conducted through the Internet and supported by communications media, such as audio and video conferencing software, e-mail and other technologies that enable interactive discussions between classmates and between students and their instructors.

Online learning is an interactive experience that is comparable to campus based education.

### When are the classes?

- all seven modules will be available online every semester - with the exception of September – December 2010 (modules 1 – 4 available only)
- new sessions starting monthly

### Is online learning as good as campus based education?

There are differences between the two types of course delivery. Campus based delivery requires students to be physically present in a classroom, while online education does not. Traditional learning offers face-to-face interaction while online learning offers interaction using technology. However, research shows that both delivery methods are effective in providing first-class learning experiences.

As with all educational opportunities, the course content, design, instruction and support provided determine the quality of students' learning experiences.

The eCampusAlberta consortium ensures that all courses offered through member institutions meet the highest standards of online course delivery.

### Advantages of online learning (eLearning)

Many students have taken advantage of the flexibility offered by online courses. These courses enable students to work on their education at a time and in a location that is convenient for them. You are able to pursue your certificate through a mix of campus-based and online courses, which will allow you to schedule learning around other commitments (family, jobs etc.).

What's important to keep in mind is that success in both campus-based and online education requires learners to be self motivated and have good reading and comprehension skills.

### How registration works

- Enter E-Campus Website: <http://ecampusalberta.ca>
- Search courses
- Choose Keyano College
- Choose course
- Enter "Register Now" button
- Fill out online form, credit card required, or if using another payment method - enter all 9's in credit card space and The Office of the Registrar will contact you for payment information



**Front Cover:** Tim Humphrey, Team Leader, Reliability & Improvements, Syncrude Canada

Tim Humphrey has called Fort McMurray home since 1967. In the early 1980s, Tim took online Power Engineering at Keyano College and was hired by Syncrude Canada. A few years later, he went through the Electrical Apprenticeship and Master Electrician Certificate Programs – all in Fort McMurray at Keyano College.

"Keyano College has been a large part of our family's life throughout the years. Besides my technical training I also took guitar lessons there, my kids have taken dance classes, my son is learning to play the drums, and my wife works there. We are grateful that, whether it's paytime or playtime, Keyano College has been here providing the programs we wanted or needed. It definitely has improved our quality of life!"

**Back Cover:** Tim Humphrey, cruising on a sunny day in his 1967 Camaro.

**ON  
OUR  
COVERS:**

