



***CANB - MONCTON NORTHEAST TRAINING PROGRAM for CONSTRUCTION PROJECT MANAGERS  
for New Project-management Trainees  
and those who have completed the Key Site Supervisor Training Program***

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A construction project to be successful for both the general contractor as well as the subcontractor, must meet the contract's *constraints* for time, cost and the project's requirements. Failure to satisfy all these targets is all too common, with evident waste of valuable resources and time. "Root" factors include: poor project development, inadequate planning and scheduling, poor progress and cost control, as well as inadequate overall management of the project's delivery. The construction industry is today recognizing more and more the critical role of the **Project Manager** and his/her unique focus on the "business" of each project to assure success and in turn, assure company productivity and profitability.

Most Construction Project Managers come from a background education in engineering or engineering technology, or have migrated to project management from experience as a Key Site Supervisor. Unfortunately, many do not come into this job role with the necessary practical management knowledge and skills to effectively lead, oversee and consistently bring in successful projects.

CANB - Moncton Northeast Construction Association (MNE) supports the local and regional construction industry through practical, competency-development training. As a companion to the Training Program for the Key Site Supervisor (KSS) introduced in 2012, MNE has developed and offers a training program for the Construction Project Manager (CPM). This training focuses more on the "business" aspects of project delivery. Since most Supervisors are accountable to a Project Manager for their site management of the project's construction and related activities, it is necessary for the CPM to understand the Supervisor's "world", and know how to best provide him or her with the necessary project support. The KSS and CPM must work as together as a team in the field execution of the project, and thus assure its success in meeting the contract's requirements and the project owner's expectations.

The CPM must be fully knowledgeable of all aspects of the project's initiation, development, and execution, and then be able to effectively work with and integrate the efforts of all the project's players. This requires not only the necessary knowledge of construction practices and management essentials, but good interactive and communication skills, since the CPM's world is all about "people". He or she must be able to get things done through all the project's players and stakeholders. These competencies do not necessarily come with a formal technology or engineering background, but must be acquired by specialized industry training and "structured" on-the-job experience.

The CPM Program has been revised for 2017-2018 to accommodate the Supervisor who has previously completed the KSS Program, together with the new CPM trainee. As well, it targets the experienced Project Manager who wishes to improve his or her competency base. The 1st workshop is uniquely structured for those who have not completed the KSS Program, and provides the essential information and training normally included in this training venture.

The CPM Training Program consists of 4, 8-hour classroom workshops, offered on a 3-week frequency schedule. The trainee brings to the training venture the essential knowledge of construction and construction practices, and the Program addresses all the aspects of managing, leading, directing and

controlling each project to a successful and profitable outcome. A targeted learning for this special industry training is the know-how and ability to “partner” with the Key Site Supervisor, so that together they are able to deliver the project through effective management of all the aspects of the construction.

Each workshop is delivered in a format that integrates construction project management know-how together with questioning, sharing of information and experience, and addressing real construction-site situations. Follow-up field assignments provide a learning vehicle for application of the key learnings and promote skills development. The training delivery uses a comprehensive Training-Reference Manual which is intended to serve as a field reference and to help assure continuing application of the classroom learning.

Through this training Program participants will earn special-industry training credits as part of the requirement for the Canadian Construction Association’s Gold Seal Certification in Project Management..

The Learning Areas for the 4 Workshops are the following and provide a general indication of the scope of training and topics included.

<b>Workshop #</b>	<b>Topics and Focus</b>
1	Construction, the Industry and the Construction Project; Project Success Requirements; the Different but Complimentary Roles of the KSS and the CPM; The “People Factor” in Construction and Project Management; Information Handling, Decision-making and Problem-solving in Construction.
2	Introduction to Lean and Lean in Construction; Safety and Environmental Responsibility Essentials for the CPM; Project Management and the World of the CPM; The Competencies and “Know-how” of the Successful CPM; Essentials of Contracts and Construction Law; Information Management and Communication for the CPM.
3	Planning and Developing the Project; Work Planning and Scheduling using the Work Breakdown Structure (WBS) Approach and Developing the Project’s Master Schedule; Taking the Project to the Field; the Basics of Time and Cost Estimates; Delivering the Scheduled Work through Field-level and Daily Planning; Key Project-delivery Issues for the Project Manager.
4	Managing and Controlling the Project’s Delivery using the Earned Value Management (EVM) Approach; Closing Out the Project and Assessing Delivery for Continuous Improvement; Computer Support for Project Management; Some Typical Project Situations for Discussion and Application of Learning.

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