

The School of Project Controls Skills & Knowledge Workshop



Special Presentation by AACE International Montreal Section



The AACE International, Montreal Section is pleased to present its **School of Project Controls - Skills & Knowledge Workshop**. This workshop will help you hone your skills in planning and scheduling, cost control, progressing and performance measurement and contracts management. This workshop, with five top experts in the Industry, is based on the Skills and Knowledge of AACE International combined with the extensive project experience of our presenters. These courses are of value to project managers, project controls personnel and all those wanting to improve their skills and knowledge in this area. The format includes classroom presentation, discussion and workshop sessions. The workshops can also help get you started on preparation for certification as a Certified Cost Engineer (CCE) or Certified Cost Consultant (CCC) or other available certifications.

June 09, 2011

June 10, 2011

Introduction: The Total Cost Management Approach Les McMullan

The opening session provides an understanding of the core fundamentals of AACE International's Total Cost Management (TCM) and the processes necessary for developing, implementing core project controls fundamentals. Discover the role of project controls through the TCM workflows and the skills and knowledge required. Find out why project controls is the navigation system of project management.

Introduction: AACE Professional Certification Khaled Elfekhfakh

The opening session provides an overview of the path to the AACE certification program, the types of certifications available, the certification process, exam structure and content and how you can prepare. Study materials and how to write a technical paper will be discussed. The benefits and resources of membership, including international recognition, will also be highlighted.

AM Session – Planning & Scheduling Presented by: Marie-Hélène Biffi

Planning and Scheduling is considered one of the most important elements for influencing project success. This session provides an understanding of the basic to advanced principles of planning and scheduling, as well as the variations in techniques used in today's project environment. Topics will include levels of schedule, critical path methods, establishing realistic baselines, schedule diagnosis and analysis, schedule risk analysis and practical tips to improve the planning and scheduling development and tracking process.

AM Session – Cost Control Presented by: Khaled Elfekhfakh

This session offers a variety of cost management, cost analysis, economic, project accounting, and cost/design information applicable to almost any sector of industry and management. The key success factors of cost control and the role of cost engineering will be described as well as methods for budgeting, forecasting, trending, variance analysis and contingency management. Find out who really controls the project cost and how you can "control costs before they happen".

PM Session – Progress & Performance Presented by: Marie-Hélène Biffi

This session will provide an understanding of Earned Value Management and its role in the monitoring and controlling of a project. This presentation will define the CSCS method and concepts of Cost Performance Index (CPI) and schedule performance Index (SPI) and explain how this method can be used for progress status reporting and measurement of project performance and productivity. Project S-Curve development and typical earned value methods during the project phases will be discussed.

PM Session – Contract Management Presented by: Susan Klucinskas

Contract management and change order management are key functions for control of project cost and schedule. This presentation will discuss scope control and methods of managing changes during project execution. Topics will include principles of change management, impacts and consequences of changes, dispute avoidance and proactive claims management including preparation, documentation and negotiation of claims.

Workshop Fee:

(All sessions)

Non Members	\$350
Members	\$275
Students	\$150

Fees include:

A copy of AACE – 5th Edition of the AACE Skills & Knowledge, complimentary CD of AACE's TCM Framework, complimentary CD of S&K presentations and lunch. Attestation certificate and PDUs issued.

Proceeds from these courses go into the AACE Montreal training and scholarship fund for award of scholarships to local University students.

(Per day)

Non Members	\$200
Members	\$150
Students	\$75

(Single day session fee does not include S & K 5th Edition)

Location:

Concordia University
1515 St-Catherine St. West
(Corner of Guy St.)
Montréal, Québec
Room 3.309 (3rd floor)

Presentation is in French

School of Project Controls

Skills & Knowledge Workshop

SPEAKERS / PRESENTERS



Marie-Hélène Biffi is an engineer with more than 20 years of experience in project management and construction for the construction and rehabilitation of hydroelectric powerhouses, bridges and other civil works. She obtained her bachelor degree in civil engineering from Concordia University in 1987 and her master's degree in construction engineering from École de Technologie Supérieure in 2001. Marie-Helen's career took her to James Bay for the construction of the "La Grande 1" powerhouse for the SEBJ. She later worked with contractor Construction Interlag as site manager for the rehabilitation of the powerhouses in Shawinigan and La Tuque and also for rehabilitation work at Champlain Bridge. In 2002, she joined the Estimating department at Hydro-Québec and in 2003 became Chief of the planning and estimating team for powerhouse rehabilitation and since 2008 has worked as Manager of Project Controls on a variety of local and international projects with Dessau and most recently with Hatch in Montreal. Marie-Hélène also teaches a master's degree class in project control at Université de Sherbrooke, Montreal campus.



Khaled Elfekhfakh, Eng., M.Eng., is a professional engineer with more than 20 years of experience in petrochemicals, aluminum, infrastructure and other industrial projects, both in Canada and overseas. Khaled graduated with B.Sc. in Civil Engineering from Alexandria University, Egypt in 1985 and earned a M. Eng. in Project Management from Concordia University in Montreal in 1997. He has comprehensive management and project controls skills with key strength in planning and risk assessment and project controls management. He has worked with SNC-Lavalin Inc. since 1997 and held various titles including senior planner, project controls manager and deputy construction area manager. His most recent overseas assignments were on mega projects in Qatar and Abu Dhabi. Khaled is a member of the Board of Directors of AACE International Montreal Section. He has authored technical papers on contingency and bidding models, and has given presentations on schedule risk analysis.



Susan Klucinkas is a graduate of Building Engineering from Concordia University. She has over 18 years of experience in the preparation and evaluation of construction claims, scheduling and delay analysis, productivity analysis, budgeting, cost control and document control, on behalf of owners, contractors, subcontractors, suppliers and their legal counsel. Ms. Klucinkas, a Senior Consultant with Revay and Associates Limited, has been involved in a wide variety of projects, including commercial and institutional buildings, floating production storage offloading vessels, power generation and transmission facilities, paper mills, water treatment facilities, bridges, tunnels and railways, located in Canada, the U.S. and Europe. She has also served as a contract administrator for a multi-million dollar railway electrification project in the US Northeast (Connecticut, Rhode Island and Massachusetts) and as the claims manager for a multi-million dollar sewage treatment plant project in eastern Canada. She has acted as a Project Neutral to resolve outstanding project issues and has rendered expert testimony with respect to damages before a Dispute Resolution Board in the United States and in arbitration both in Canada and the United States.



Les McMullan has over 30 years of experience in project controls and project management on major capital projects in North America and Overseas. A graduate from McGill University, Les has worked in most major process industries including nuclear, pulp and paper, petrochemical and mining and metallurgy and has held various senior positions within SNC-Lavalin Inc. including Senior Project Controls Manager, Manager of Cost Control for the Cowan Pulp and Paper group, Manager of Project Controls for the Quebec Industrial Division and Vice-President of Project Services for Industrial, Mining & Metals and Aluminum in Montreal. Les is also currently President of the Montreal Section of the AACEI International and has authored various technical papers on estimating and cost control and has guest lectured at Concordia University on cost control and earned value. In 2004 he received the Tony Jarvis award, along with co-author A. Barmania, for the year's best technical article from the British Association's magazine "The Cost Engineer". He also manages a Community of Practice site for Project Controls.

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Time Table

Time	Thursday, June 09, 2011	Friday, June 10, 2011
08:00 – 08:30	Breakfast	Breakfast
08:30 – 09:00	Introduction – Total Cost Management	Introduction – AACE Certification
09:00 – 12:00	Planning & Scheduling	Cost Control
12:00 – 13:00	Lunch	Lunch
13:00 – 16:00	Progress & Performance	Contract Management

Reservation deadline: May 30, 2011
Spaces are limited. Please reserve early by contacting:
Celina Ma mac@tardifmurray.com

Please confirm your presence by May 30, 2011 to Celina Ma
 by fax: 514-937-0096 or by email: mac@tardifmurray.com

Your Name : _____

Your Job Title : _____

Your Company : _____

Your email address: _____

AACEI Member ___ PMI Member ___ Student Member ___ Non-Member ___

PAYMENT BY CASH OR CHEQUE MADE TO THE ORDER OF AACEI MONTREAL

Cheques are preferred in advance to the following address:

Les McMullan, 455 René-Lévesque Blvd West, 7th Floor, Montréal, Qc H2Z 1Z3

Payment will also be accepted in cash or cheque at the door before the opening session

Please visit our website at www.aaceimontreal.org and the AACEI website at www.aacei.org

