



## Earned Value Management (EVM) for Construction Projects

**Course Description:** When it comes to cost and schedule on your construction projects, do you know where you're at and where you're going? Realizing that you're aimed at an iceberg when you're 100 meters away isn't helpful. It's so much better if you notice the iceberg when you're 10 kilometers away, so that you can do something about it! This is part of the "construction management" that owners expect from contractors. Construction project management is a challenge in an increasingly competitive marketplace. Successful project managers demand that their projects meet the contracted scope of work and be completed on schedule and within budget. Earned Value Management (EVM) is a project planning and control approach which provides cost and schedule performance measurements. It compares actual accomplishment of scheduled work and associated cost against a baseline schedule and budget plan. Its benefits include projections of anticipated project schedule, and cost trends, and the ability to take timely corrective actions for undesired variances. EVM is one of the most powerful and productive concepts used in managing today's complex projects in private, commercial, and government environments. The fundamentals of EVM will be presented in a down-to-earth, basic approach, along with hands-on exercises and examples that will allow participants to apply the concepts.

**Course Objectives:** • Obtain basic knowledge in understanding and using an effective performance management system in managing construction projects effectively • Detect both positive and negative trends in a timely manner • Forecast the Projected Final Cost (Estimate at Completion) using several techniques • Confidently and quickly make project decisions concerning scope, cost, and schedule • Learn to avoid the project-management pitfalls by identifying and mitigating risks.

**Your Presenter:** Phil Perry has 30 plus years in the Construction Industry, most of which was Project Managing Industrial Projects for General Contractors. He has been teaching Post-Secondary Construction Management Courses for the last eight years.

**Who Should Attend:** Anyone whose work involves planning and progressing the work: Project Managers, Project Coordinators, Construction Managers, Superintendents, General Foremen, and Estimators of all levels will benefit from the workshop. This course is for Owners, Consultants, Contractors and Sub-Contractors in all segments of the Construction Industry.

**Dates & Times:**

- 19-Jan-2021 8:00AM to 4:00 MDT
- 17-Feb-2021 8:00AM to 4:00 MDT
- 17-Mar-2021 8:00AM to 4:00 MDT

**Location: Online**

LCA Members: \$ 295.00 (+GST); Non-Members: \$ 395.00 (+GST)

Company: \_\_\_\_\_

Attendee(s): \_\_\_\_\_

E-mail/Phone: \_\_\_\_\_

Payment Type: Visa \_\_\_\_ Mastercard \_\_\_\_ Cheque \_\_\_\_ Invoice (Members Only) \_\_\_\_

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Credit Card Number

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Expiry Date

E-mail: lloydca3@telus.net or Fax: 780-875-8874

**No refunds will made after course link has been sent.**