

Course: Earned Value Management

ID: 1384-EVM01

Contact Hrs. / PDU's: 7

Course Length: 1 Day

Course Description: This one-day course focuses on introducing participants to advanced world of Earned Value Management, the most accurate and quantitative method for reporting project progress. Many people have heard of Earned Value. Some have even tried it. Unfortunately, most inexperienced users have found it difficult is not impossible. It does not have to be that way! At the end of this course you will be completely comfortable with Earned Value and believe it is far easier than you ever thought possible.

Course Objectives:

- Learn the basic requirements to use Earned Value
- Learn the core calculations used in Earned Value
- Learn the key graphing and presentation tools used in Earned Value
- Learn the advanced options for getting more from the use of Earned Value

Target Audience: Project managers, executives and team members interested in learning the ins and outs of Earned Value Management.

Prerequisites: An understanding of a WBS, the Critical Path Method and the basics of project management.

Provided Material:

- Course Manual
- The Earned Value Practice Standard (Book)

Course Outline:

- **Lesson 1:** Introductions
 - Current PM performance
 - What makes projects succeed or fail?
 - Why quantify?
 - What is Earned Value going to do for you?
- **Lesson 2:** The basic Earned Value requirements
 - The roll of the WBS
 - What makes a good WBS
 - How much is enough?
 - What financial information is necessary
 - Does it need to be complicated?
- **Lesson 3:** The basic EVM configuration & calculations
 - Defining the Earned Value, Planned Value & Actual Costs
 - The Variances & Performance Indices
 - What is the BAC anyway & why care?
 - The Critical Ratio
- **Lesson 4:** Earned Value forecasting
 - The EAC & ETC
 - The TCPI
 - Schedule forecasting
- **Lesson 5:** Earned Value graphing
 - The two methods of graphing
 - Why use cumulative graphs?
 - Why use period specific graphing
 - How to design EV graphs that are easy to interpret
 - What role should EV graphs take in your reporting?
- **Lesson 6:** Real world implementation
 - Do I need a specialized software package?
 - How to do Earned Value with standard tools
 - Getting your team to participate in EV



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