



500 Thoreau Street
Concord, MA 01742 USA
+978.369.9009
info@newleafpm.com

ELEMENTARY AND INTERMEDIATE EARNED-VALUE PROJECT MANAGEMENT

Advanced topics in project execution and control

A 1-day, 7 PDU (0.7 CEU) instructor-led program

This program for the advanced project manager reviews the earned-value basics before describing *The PMOBK® Guide* approach to earned value. Among the ideas explored are the **Cost Performance Index (CPI)** and the **Schedule Performance Index (SPI)**. You'll learn a unique formula for computing the "atypical" SPI developed by John M. Nevison of New Leaf. The cost Estimate at Completion (EAC) and the projected schedule are explained, together with the cost Estimate to Complete (ETC) and the Schedule to Complete.

You'll experiment with the "**Magic Table**," a spreadsheet that lets you apply earned-value ideas to small projects with "invisible" earned value.

In hands-on workshops during the program, you will practice the many earned-value calculations with worked examples, then with your own projects.

Finally, the exciting game of Herding Cats® provides an experiential learning tool to test and apply your understanding of earned-value project management in a risk-free yet realistic environment. During the simulation, you will monitor the actual progress of your project, compare it to your plan, and take corrective action when necessary. You will apply "earned value" ideas and see for yourself how they can help you guide your project.

At the conclusion of this program, you will be able to:

- Define the fundamentals of earned value analysis
- Calculate and apply the elementary ratios of CPI and SPI under three different sets of assumptions
- Interpret what the EACs for cost and schedule mean

Who will benefit?

- Program managers who coordinate several projects using earned-value
- Project managers who manage a project's progress using earned value
- Project leaders who help teams make decisions using earned value
- Team leaders who work to establish team consensus
- Project team members who provide timely data on task performance
- Senior executives who want to see how earned value can improve the project portfolio

ELEMENTARY & INTERMEDIATE EARNED-VALUE PM

AGENDA

Day 1: Earned Value Analysis: Elementary review and intermediate concepts

- Introduction to earned value
- A review of earned-value fundamentals
- Planned value, actual costs, earned value
- Cost Performance Index (CPI) and Schedule Performance Index (SPI)
- A review of *The PMBOK® Guide, 3rd Edition's* approach to earned value
- Estimates to Complete (ETC) and Estimates at Completion (EAC)
- A way to compute the atypical schedule Estimate at Complete
- Staffing diagrams and earned-value charts
- Herding Cats®
- Herding Cats® debrief.
- Earned value back at work
- Closing

Day 2: Advanced Scheduling Workshop (optional)

- An additional day of advanced scheduling techniques is available