Senior/Expert Business Management for Government Applications

Workshop Course U154 • *4 DAYS*

You Will Learn How To:

- Direct and manage the application of Earned Value Management (EVM) techniques to federal projects
- Integrate technical, cost and schedule performance measurements
- Oversee the program cost-estimating and budget process
- Institute EVM baselines and interpret EVM performance trends
- Manage the Integrated Baseline Review (IBR) process

Active Learning Workshop:

- Evaluating Work Breakdown Structures (WBS)
- Assessing a contract proposal
- Reviewing a contractor's EVM system
- Conducting and evaluating an integrated baseline review
- Analyzing EVM data and trends and managing program change
- Assessing organizational EVM implementation

About This Course: *Successful projects rely on comprehensive integrated management principles, tools and techniques. In this course, you gain the practical skills to coordinate the development of, oversee, evaluate and critique an EVM program linked to risk management. You also learn to apply planning, programming and budgeting best practices.*

> **" *Learning Tree's degree of professionalism is well above that of other training companies. I've brought a number of Learning Tree On-Site Courses to my company, and the investment has definitely been worth it.* "**
>
> — D. Ridley, *General Manager*, *Technical Services*, Samsung

Course Content ► Workshop Course U154 • *4 DAYS*

Reducing the Complexity of Acquisitions with EVM and Cost Analysis

The value of EVM
- Evaluating the importance of EVM and cost estimating
- Estimating the benefits of EVM and cost estimating
- Establishing a plan to implement advanced EVM and cost-estimating techniques

Defining the Needs of the Program

Assessing EVM readiness
- Evaluating advanced EVM Senior/Expert competencies
- Planning the resource needs for management
- Planning for an EVM program linked to risk

Improving performance
- Eliminating defects with BPR methods
- Instituting EVM baseline reviews
- Coordinating contracting processes, strategies and negotiations
- Conducting financial planning and execution reviews

Incorporating GAO Cost-Estimating Best Practices

Analyzing the 12 critical steps
- Defining the purpose of the estimate
- Developing the plan and defining program characteristics
- Outlining ground rules and assumptions
- Developing a point estimate and comparing it to an independent cost estimate

Gathering data
- Identifying ground rules and assumptions
- Conducting sensitivity, risk and uncertainty analyses
- Documenting the estimate
- Presenting the estimate for management approval
- Updating the estimate to reflect actual costs and changes

Maximizing Program Results

Evaluating links between cost estimating and EVM
- Comparing methods of cost estimating
- Discussing life cycle cost-estimating methods
- Managing the role of the cost estimator

Advanced Earned Value Management Principles

Adopting EVM policies and standards
- Translating an EVM legal and regulatory framework
- Recognizing and applying OMB policies
- Reviewing and applying ANSI/EIA-748 standards
- Explaining the National Defense Industrial Association (NDIA) management guides
- Understanding, assessing and evaluating EVM methodologies

Implementing advanced EVM techniques
- Applying EVM to integrate technical performance, schedule performance and cost performance
- Synthesizing EVM techniques and analysis
- Creating program status reports for stakeholders
- Interpreting graphic trend analysis

Reviewing Financial Reporting and Oversight

Conducting data analysis
- Evaluating the data selection
- Employing an information system
- Collecting, processing, maintaining, transmitting and reporting data on financial events
- Assessing the purpose of the data
- Supporting financial planning and budgeting activities

Improving complex reporting
- Accumulating and reporting cost information
- Supporting the preparation of financial statements
- Reporting to senior management
- Compare software tools in improving efficiency

Providing Guidance on Planning, Programming and Budgeting Systems

Effective EVM and cost estimates to guide planning, programming and budget systems processes
- Appraising the program budget development process
- Critiquing allocation of funds within appropriations categories
- Exploring pitfalls of international partnerships, agreements and foreign funds

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