

## Journeyman Business Management for Government Applications - 4 Days

### Course U162 Overview

- You Will Learn How To**
- Apply commercial and governmental cost structures, cost-estimation techniques, and earned value management techniques
  - Incorporate GAO Cost Estimating and Assessment Guide best practices
  - Analyze logistical considerations and system design
  - Effectively integrate learning curve theory techniques to manufacturing cost estimates
  - Navigate the congressional appropriation process
  - Enhance performance measures using earned value in the context of OMB A-11 and ANSI/EIA-748
- Course Benefits** Knowledge of federal budget appropriations, Total Life Cycle Systems Management, and OMB A-11 processes allow for improved transparency, accountability, fiscal discipline and performance. This course offers the skills to conduct comprehensive program cost estimation; fund multiyear, complex projects; and validate program baselines and integrated performance baselines.
- Who Should Attend** Project/Program managers and functional managers who are accountable for moderate to complex federal projects. Imperative for any acquisition professional seeking a Level II FAC-P/PM certification.
- Workshop Course** Through an immersive, simulated case study, you gain practical experience evaluating the development and implementation of a complex project management plan. Activities include:
- Recognizing elements of cost
  - Developing a cost estimate for organizational use
  - Identifying logistics considerations for planning
  - Formulating a control account plan
  - Participating in an integrated baseline review
  - Analyzing performance data

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### Course U162 Outline

#### Introducing the FAC-P/PM Program

- Clarifying the FAC-P/PM initiative
- Describing acquisition reforms
- Establishing a culture of accountability
- Identifying government and contractor equities

#### Business Management Fundamentals Incorporating Total Life Cycle Systems Management (TLCSM) concepts

- Comparing program life cycles
- Applying Total Life Cycle Systems Management

#### Identifying earned value management (EVM) fundamentals

- Reviewing EVM concepts
- Describing roles: customer vs. supplier

#### Applying Program Cost Estimation Processes

##### Analyzing cost-estimating methods

- Exploring appropriate uses of techniques
- Outlining strengths and weaknesses of each method

##### Examining the logistics of cost estimation

- Distinguishing between product life cycle vs. program life cycle
- Revealing often forgotten costs

##### Exploring learning curve theory and its applications

- Incorporating learning curves to reduce task time
- Examining learning curve models to determine learning rates

#### Allocating Funding to Multiyear Complex Projects

##### Structuring your project using the federal budgeting process

- Responsibilities of the PM in the budget process
- Applying cost estimates to select projects

##### Relating the congressional funding process to your project

- Explaining program approvals
- Defining project appropriations and allocations

#### Leveraging the ANSI/EIA-748 (Earned Value Management Systems)

##### OMB A-11 Section 300 Requirements

- The purpose of OMB Circular A-11
- Relating ANSI/EIA-748 to OMB Circular A-11
- Exploring connections between EVM and the performance budget

##### Defining the purpose behind the ANSI standard

- Explaining the structure of the standard
- Describing the use of the standard

##### Applying the ANSI standard

- Defining associated documents
- Addressing the guidelines within the standard

#### Establishing Baselines

##### Developing the program baseline

- Explaining the use of estimating and budgeting
- Associating the program baseline with budget

##### Determining the performance baseline

- Benefiting from the work breakdown structure
- Developing the Integrated Master Plan/Master Schedule
- Applying GAO best practices and the ANSI standard

#### Validating the Performance Baseline: the Integrated Baseline Review (IBR)

##### Clarifying the rationale for the IBR

- Explaining the mitigation of risk
- Analyzing the adequacy of the baseline

##### Preparing for and conducting the IBR

- Training the participants
- Accessing data and defining the report

#### Analyzing Earned Value Data Interpreting earned value metrics and meaning

- Explaining the source of the metrics
- Analyzing the measures
- Performing metrics analysis

##### Applying root cause analysis

- Defining the source of problems

- Dealing with the root cause at the source
- Implementing corrective actions
- Defining responsibility and exploring possible actions