

Earned Value Management Fundamentals

Course Contents:



- Define Earned Value and Earned Value Management System
- Understand the benefits of EVM over classical Project Management
- Describe and understand the Basic EVM terminology
- Describe the 3 critical elements for organizing your project
- Identify the responsibilities of the Control Account Manager (CAM)
- List the 3 project components you must know before you can develop an EVM plan
- Understand EVM Planning and Scheduling requirements
- Describe an Integrated Master Plan (IMP) and Integrated Master Schedule (IMS)
- Describe the difference between Horizontal & Vertical Traceability
- Identify appropriate Work Authorization Levels
- Describe key components of a Program Budget
- Understand the 8 Earned Value Techniques
- Understand the difference between a Work Package and a Planning Package
- Select appropriate Earned Value Techniques based on Work Package details
- Describe the 3 basic components in updating Project Status
- Define Earned Value
- Describe the difference between BCWP and ACWP
- Identify the steps used in updating project status
- Calculate schedule variance (SV) and cost variance (CV)
- Calculate Schedule Performance Index (SPI) and Cost Performance Index (CPI)
- Evaluate project performance and analyze variances to the plan
- Define Estimate at Completion (EAC)
- Identify techniques to validate the EAC
- Define the components of the Baseline
- List the 3 Baseline Control Objectives
- Describe the 3 Baseline Change Categories

Duration in Hours: 3 hrs

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